Microsoft® Windows® Events ID and SNMP Traps

HP Microsoft Windows Events ID and SNMP Traps

Contents

Introduction

This document contains a listing of the Microsoft Windows Server 2003 and Microsoft Windows 2000 Event Log messages associated with SNMP traps, which are generated by the HP Management Agents for Servers for Windows. Each event entry, where applicable, has the corresponding SNMP trap number used by the agents. Other information on the events in this document includes Event Severity, Event Message, Event Message Source, Event Symptom and Supporting SNMP Trap Data.

NT Event Log Format

The following pages contain Compaq Insight Management events that are entered into the Microsoft Windows NT Event Log when they occur.

Values are 32 bit values laid out as follows:

3 3 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1

1 0 9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2 1 0

+---+-+-+--------------------+----------------------------+

|Sev|C|R| Facility | Code |

+---+-+-+--------------------+----------------------------+

where

Sev - is the severity code

00 - Success

01 - Informational

10 - Warning

11 - Error

C - is the Customer code flag

R - is a reserved bit

Facility - is the facility code (always "CPQ")

Code - is the facility's status code - the event # - the upper byte refers to the Insight Agent that served the event, the lower byte is the actual event #.

Foundation Agents

Event Identifier: CPQHSMSG.DLL - 256 (Hex)0x84350100 (Service Event)

Log Severity: Warning (2)

Log Message: The HP Foundation Agents service detected an error.

The insertion string is: %1. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 257 (Hex)0x84350101

Log Severity: Warning (2)

Log Message: The HP Foundation Agents service could not allocate memory.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 258 (Hex)0x84350102

Log Severity: Warning (2)

Log Message: The HP Foundation Agents service could not register with the Service

Control Manager. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 259 (Hex)0x84350103

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not set the service status with the Service Control Manager.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 260 (Hex)0x84350104

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not create an event object.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 261 (Hex)0x84350105

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not open registry key "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 262 (Hex)0x84350106

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not start any agents successfully.

Event Identifier: CPQHSMSG.DLL - 263 (Hex)0x84350107 (Service Event)

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not read the registry value "%1". The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 264 (Hex)0x84350108 (Service Event)

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not load the module "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 265 (Hex)0x84350109

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could get the control function for module "%1". The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 267 (Hex)0x8435010b

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not start agent "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 268 (Hex)0x8435010c

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service detected an invalid state for agent "%1". The data contains the state.

Event Identifier: CPQHSMSG.DLL - 269 (Hex)0x8435010d

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not stop agent "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 270 (Hex)0x8435010e

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not terminate agent "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 271 (Hex)0x8435010f

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not unload the module "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 272 (Hex)0x84350110

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not create the registry key "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 273 (Hex)0x84350111

Log Severity: Warning (2)

Log Message:

The HP Foundation Agents service could not write the registry value "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 399 (Hex)0xc435018f

Log Severity: Error (3)

Log Message:

The HP Foundation Agents service encountered a fatal error.

The service is terminating. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 400 (Hex)0x44350190

Log Severity: Information (1)

Log Message:

The HP Foundation Agents service version %1 has started.

Event Identifier: CPQHSMSG.DLL - 401 (Hex)0x44350191

Log Severity: Information (1)

Log Message:

The HP Foundation Agents Debug message: %1

Event Identifier: CPQHSMSG.DLL - 768 (Hex)0x84350300

Log Severity: Warning (2)

Log Message:

The HP Host Remote Alerter detected an invalid data type within an alert definition.

Event Identifier: CPQHSMSG.DLL - 769 (Hex)0x84350301

Log Severity: Warning (2)

Log Message:

The HP Host Remote Alerter detected an error while attempting to log an alert remotely. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 770 (Hex)0x84350302

Log Severity: Warning (2)

Log Message:

The HP Host Remote Alerter detected an error while attempting to retrieve data from key = %1 in the registry. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 771 (Hex)0x84350303

Log Severity: Warning (2)

Log Message:

The HP Host Remote Alerter was unable to log an event in the event log of the system named %1. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 772 (Hex)0xc4350304

Log Severity: Error (3)

Log Message:

The HP Host Remote Alerter detected a null handle on initialization. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 773 (Hex)0xc4350305

Log Severity: Error (3)

Log Message:

The HP Host Remote Alerter received an error on

WaitForMultipleObjects call. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 774 (Hex)0xc4350306

Log Severity: Error (3)

Log Message:

The HP Host Remote Alerter received an error on

ResetEvent call. The data contains the error code.

Event Identifier: 1105 (Hex)0x44350451 (CPQHSMSG.DLL)

Log Severity: Information (1) Event Title: cpqHo2GenericTrap

Log Message: HP Foundation Agent: %1

Snmp Trap: cpqHo2GenericTrap - 11003 in CPQHOST.MIB

Symptom: "Generic trap."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqHoGenericData

Event Identifier: 1106 (Hex)0x44350452 (CPQHSMSG.DLL)

Log Severity: Information (1)

Event Title: cpqHo2AppErrorTrap

Log Message: HP Foundation Agent: %1

Snmp Trap: cpqHo2AppErrorTrap - 11004 in CPQHOST.MIB

Symptom: "An application has generated an exception. Specific error information is
contained in the variable cpqHoSwPerfAppErrorDesc."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqHoSwPerfAppErrorDesc

Event Identifier: 1162 (Hex)0x8435048a (CPQHSMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Threshold Agent: Rising Threshold Passed

Log Message:

SNMP MIB Variable %1 has value %s >= %s

Severity: %s

Description: %s

Refer to the HP MIB for a definition of the variable

Snmp Trap: cpqMeRisingAlarmExtended - 10005 in CPQTHRSH.MIB

Symptom: "Rising Threshold passed. An alarm entry has crossed its rising threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqMeAlarmVariable

%4 cpqMeAlarmSampleType

%5 cpqMeAlarmValue

%6 cpqMeAlarmRisingThreshold

%7 cpqMeAlarmOwner

%8 cpqMeAlarmSeverity

%9 cpqMeAlarmExtendedDescription

Event Identifier: 1163 (Hex)0x8435048b (CPQHSMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Threshold Agent: Falling Threshold Passed

Log Message:

SNMP MIB Variable %1 has value %s <= %s

Severity: %s

Description: %s

Refer to the HP MIB for a definition of the variable

Snmp Trap: cpqMeFallingAlarmExtended - 10006 in CPQTHRSH.MIB

Symptom: "Falling Threshold passed. An alarm entry has crossed its falling threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqMeAlarmVariable

%4 cpqMeAlarmSampleType

%5 cpqMeAlarmValue

%6 cpqMeAlarmFallingThreshold

%7 cpqMeAlarmOwner

%8 cpqMeAlarmSeverity

%9 cpqMeAlarmExtendedDescription

Event Identifier: 1166 (Hex)0x8435048e (CPQHSMSG.DLL)

Log Severity: Warning (2)

Event Title: cpqHoProcessEventTrap

Log Message: HP Foundation Agent: %1

Snmp Trap: cpqHoProcessEventTrap - 11011 in CPQHOST.MIB

Symptom: "A monitored process has either started or stopped running."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqHoSwRunningTrapDesc

Event Identifier: 1167 (Hex)0x8435048f (CPQHSMSG.DLL)

Log Severity: Warning (2)

Event Title: cpqClusterResourceDegraded

Log Message: HP Cluster Agent: The cluster resource %s has become degraded.

Snmp Trap: cpqClusterResourceDegraded - 15005 in CPQCLUS.MIB

Symptom: "This trap will be sent any time the condition of a cluster resource becomes degraded. User Action: Make a note of the cluster resource name then check the resource for the cause of the degraded condition."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqClusterResourceName

Event Identifier: 1168 (Hex)0xc4350490 (CPQHSMSG.DLL)

Log Severity: Error (3)

Event Title: cpqClusterResourceFailed

Log Message: HP Cluster Agent: The cluster resource %s has failed.

Snmp Trap: cpqClusterResourceFailed - 15006 in CPQCLUS.MIB

Symptom: "This trap will be sent any time the condition of a cluster resource becomes failed. User Action: Make a note of the cluster resource name then check the resource for the cause of the failure."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqClusterResourceName

Event Identifier: 1169 (Hex)0x84350491 (CPQHSMSG.DLL)

Log Severity: Warning (2)

Event Title: cpqClusterNetworkDegraded

Log Message: HP Cluster Agent: The cluster network %s has become degraded.

Snmp Trap: cpqClusterNetworkDegraded - 15007 in CPQCLUS.MIB

Symptom: "This trap will be sent any time the condition of a cluster network becomes degraded. User Action: Make a note of the cluster network name then check the network for the cause of the degraded condition."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqClusterNetworkName

Event Identifier: 1170 (Hex)0xc4350492 (CPQHSMSG.DLL)

Log Severity: Error (3)

Event Title: cpqClusterNetworkFailed

Log Message: HP Cluster Agent: The cluster network %s has failed.

Snmp Trap: cpqClusterNetworkFailed - 15008 in CPQCLUS.MIB

Symptom: "This trap will be sent any time the condition of a cluster network becomes failed. User Action: Make a note of the cluster network name then check the network for the cause of the failure."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqClusterNetworkName

Event Identifier: 1171 (Hex)0x84350493 (CPQHSMSG.DLL)

Log Severity: Warning (2)

Event Title: cpqClusterNodeDegraded

Log Message: HP Cluster Agent: The cluster service on %s has become degraded.

Snmp Trap: cpqClusterNodeDegraded - 15003 in CPQCLUS.MIB

Symptom: "This trap will be sent any time the condition of a node in the cluster becomes degraded. User Action: Make a note of the cluster node name then check the node for the cause of the degraded condition."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqClusterNodeName

Event Identifier: 1172 (Hex)0xc4350494 (CPQHSMSG.DLL)

Log Severity: Error (3)

Event Title: cpqClusterNodeFailed

Log Message: HP Cluster Agent: The cluster service on %s has failed.

Snmp Trap: cpqClusterNodeFailed - 15004 in CPQCLUS.MIB

Symptom: "This trap will be sent any time the condition of a node in the cluster becomes failed. User Action: Make a note of the cluster node name then check the node for the cause of the failure."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqClusterNodeName

Event Identifier: CPQHSMSG.DLL - 1792 (Hex)0x84350700

Log Severity: Warning (2)

Log Message: Component: HP Foundation SNMP Agent%n

Error: The agent is unable to generate traps due to an error during initialization.%n

Cause: Check to ensure that the SNMP service is running. Reinstalling the HP Management Agents may fix this error.

Event Identifier: CPQHSMSG.DLL - 1795 (Hex)0x84350703

Log Severity: Warning (2)

Log Message: Component: HP Foundation SNMP Agent%n

Error: The agent is older than other components.%n

Cause: The agent is older than the other components of the HP Management Agents. Reinstall all of the HP Management Agents to correct this error.

Event Identifier: CPQHSMSG.DLL - 1796 (Hex)0x84350704

Log Severity: Warning (2)

Log Message: Component: HP Foundation SNMP Agent%n

Error: The %1 Agent is older than other components.%n

Cause: The %1 Agent is older than the other components of the HP Management Agents. Reinstall all of the HP Management Agents to correct this error.

Event Identifier: CPQHSMSG.DLL - 1800 (Hex)0x84350708

Log Severity: Warning (2)

Log Message: Component: HP Foundation SNMP Agent%n

Error: Unable to read security configuration information. SNMP sets have been disabled.%n

Cause: This can be caused by an invalid or missing configuration or by a corrupt registry. Reinstalling the HP Management Agents may correct this problem.

Event Identifier: CPQHSMSG.DLL - 1803 (Hex)0xc435070b

Log Severity: Error (3)

Log Message:

Component: %4%nError: Unable to load a required library.%nCause: This error can be caused by a corrupt or missing file.

Reinstalling the HP Management Agents or running the Emergency Repair procedure may correct this error.

Event Identifier: CPQHSMSG.DLL - 1806 (Hex)0x8435070e

Log Severity: Warning (2)

Log Message: Component: HP Foundation SNMP Agent%n

Error: The Foundation SNMP Agent service is not running.%n

Cause: The agent has determined that the Foundation Agents service is not running. Stop the SNMP service and restart the Foundation Agents service. If the error persists, reinstalling the HP Management Agents may correct this error.

Event Identifier: CPQHSMSG.DLL - 1808 (Hex)0x44350710

Log Severity: Information (1)

Log Message: Component: Foundation SNMP Agent%n

Error: The agent could not deliver trap %1.%n

Cause: The agent was unable to use Asynchronous Management to deliver a trap. This can be caused by a failure in the Remote Access Service or by a missing or invalid configuration. Use the HP Management Agents control panel to verify the Asynchronous Management configuration settings.

Use the Network control panel to verify the Remote Access configuration.

If this error persists, reinstalling the HP Management Agents or the Remote Access Service may correct this error. For more information, refer to the HP Management Agents Asynchronous Management documentation.

Event Identifier: CPQHSMSG.DLL - 2048 (Hex)0x84350800

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to allocate memory.%n

Cause: This indicates a low memory condition. Rebooting the system will correct this error.

Event Identifier: CPQHSMSG.DLL - 2049 (Hex)0x84350801

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to read from the registry.%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2050 (Hex)0x84350802

Log Severity: Warning (2)

Log Message: Component: %4%n

Error: Could not create the registry sub-key: "%1".%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2051 (Hex)0x84350803

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to read from the registry.%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2052 (Hex)0x84350804

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to read "%1" from the registry.%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2053 (Hex)0x84350805

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to read "%1" from the registry.%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2056 (Hex)0x84350808

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to create thread.%n

Cause: This error can be caused by a low of memory condition. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2098 (Hex)0x84350832

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to acquire file system information.%n

Cause: This error can be caused by an unformatted partition or by a partition that has been recently modified. Formatting the partition or rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2099 (Hex)0x84350833

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to acquire file system information for %1%n

Cause: This error can be caused by a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2100 (Hex)0x84350834

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to acquire the current process list.%n

Cause: This error can be caused by a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2101 (Hex)0x84350835

Log Severity: Warning (2)

Log Message: Component: HP Host Agent%n

Error: Unable to acquire the CPU performance data.%n

Cause: This error can be caused by a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2110 (Hex)0x435083e

Log Severity: Success (0)

Log Message: Component: HP Host Agent%n

Error: Unable to read from the registry.%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2111 (Hex)0x435083f

Log Severity: Success (0)

Log Message: Component: HP Host Agent%n

Error: Unable to write to the registry.%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2112 (Hex)0x4350840

Log Severity: Success (0)

Log Message: Component: HP Host Agent%n

Error: Unable to read from the registry.%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2113 (Hex)0x4350841

Log Severity: Success (0)

Log Message: Component: HP Host Agent%n

Error: Unable to spawn default exception handler.%n

Cause: a corrupt or missing file can cause this error.

Reinstalling the HP Management Agents or running the

Emergency Repair procedure may correct this error.

Event Identifier: CPQHSMSG.DLL - 2116 (Hex)0x4350844

Log Severity: Success (0)

Log Message: Component: HP Host Agent%n

Error: Unable to read %1 from the registry.%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2117 (Hex)0x4350845

Log Severity: Success (0)

Log Message: Component: HP Host Agent%n

Error: Unable to write %1 to the registry.%n

Cause: a corrupt registry or a low of memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2304 (Hex)0x84350900

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not allocate memory.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2305 (Hex)0x84350901

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not open the base of the registry. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2306 (Hex)0x84350902

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not create the registry sub-key: "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2307 (Hex)0x84350903

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not open the registry sub-key: "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2308 (Hex)0x84350904

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not read the registry value "%1".

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2309 (Hex)0x84350905

Log Severity: Warning (2)

Log Message: The HP Threshold Agent found an incorrect type for registry value "%1".

The data contains the type found.

Event Identifier: CPQHSMSG.DLL - 2310 (Hex)0x84350906

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not create a necessary event. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2311 (Hex)0x84350907

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not set an event. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2312 (Hex)0x84350908

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not create its main thread of execution. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2313 (Hex)0x84350909

Log Severity: Warning (2)

Log Message: The HP Threshold Agent main thread did not terminate properly. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2314 (Hex)0x8435090a

Log Severity: Warning (2)

Log Message: The HP Threshold Agent got an unexpected error code while waiting for an event. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2315 (Hex)0x8435090b

Log Severity: Warning (2)

Log Message: The HP Threshold Agent did not respond to a request. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2316 (Hex)0x8435090c

Log Severity: Warning (2)

Log Message: The HP Threshold Agent received an unknown action code from the service. The data contains the action code.

Event Identifier: CPQHSMSG.DLL - 2317 (Hex)0x8435090d

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not get the system type. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2354 (Hex)0x84350932

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not create an SNMP session. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2355 (Hex)0x84350933

Log Severity: Warning (2)

Log Message: The HP Threshold Agent SNMP request failed.

The data contains the error code. Action: 1) Ensure that the SNMP service is configured to allow SNMP requests from "localhost". 2) Ensure that there is an adequate amount of free memory.

Event Identifier: CPQHSMSG.DLL - 2356 (Hex)0x84350934

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could do thresholding on a non-integer object: "%1". The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2357 (Hex)0x84350935

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not set the variable because it is unsupported.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2358 (Hex)0x84350936

Log Severity: Warning (2)

Log Message: The HP Threshold Agent could not set the variable because the value is invalid or out of range.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 2359 (Hex)0x84350937

Log Severity: Warning (2)

Log Message: The HP Threshold Agent is not loaded. Sets are not available.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 3072 (Hex)0x84350c00

Log Severity: Warning (2)

Log Message: Component: %4%n

Error: Could not read from the registry sub-key.%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3073 (Hex)0x84350c01

Log Severity: Warning (2)

Log Message: Component: %4%n

Error: Could not create the registry sub-key: "%1".%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 2355 (Hex)0x84350c02

Log Severity: Warning (2)

Log Message: Component: %4%n

Error: Could not create the registry sub-key: "%1".%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3075 (Hex)0x84350c03

Log Severity: Warning (2)

Log Message: Component: %4%n

Error: Unable to read "%1" from the registry.%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3076 (Hex)0x84350c04

Log Severity: Warning (2)

Log Message: Component: %4%n

Error: Unable to read "%1" from the registry.%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3084 (Hex)0xc4350c0c

Log Severity: Error (3)

Log Message: Component: %4%n

Error: Unable to read configuration (%1) from the registry.%n

Cause: a corrupt registry, a low memory condition, or incomplete configuration can cause this error. Reconfigure the HP Management Agents using the control panel. Rebooting the server may also correct this error.

Event Identifier: CPQHSMSG.DLL - 3085 (Hex)0x84350c0d

Log Severity: Warning (2)

Log Message: Component: %4%n

Error: Unable to write (%1) to the registry.%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3086 (Hex)0x84350c0e

Log Severity: Warning (2)

Log Message: Component: %4%n

Error: Unable to load a required library.%n

Cause: a corrupt or missing file can cause this error.

Reinstalling the HP Management Agents or running the

Emergency Repair procedure may correct this error.

Event Identifier: CPQHSMSG.DLL - 3090 (Hex)0x84350c12

Log Severity: Warning (2)

Log Message: Component: %4%n

Error: Unable to allocate memory.%n

Cause: This indicates a low memory condition. Rebooting the system will correct this error.

Event Identifier: CPQHSMSG.DLL - 3840 (Hex)0x84350f00

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Unable to allocate memory.%n

Cause: This indicates a low memory condition. Rebooting the system will correct this error.

Event Identifier: CPQHSMSG.DLL - 3841 (Hex)0x84350f01

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not read from the registry sub-key.%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3842 (Hex)0x84350f02

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not write the registry sub-key: "%1".%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3843 (Hex)0x84350f03

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not read the registry sub-key: "%1".%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3844 (Hex)0x84350f04

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not write the registry sub-key: "%1".%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3845 (Hex)0x84350f05

Log Severity: Warning (2)

Log Message: Component: HP

Error: Could not write the registry sub-key: "%1".%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3855 (Hex)0x84350f0f

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not open a cluster enumeration object.%n

Cause: The Cluster service may not be running.

Try to restart the Cluster service.

Event Identifier: CPQHSMSG.DLL - 3856 (Hex)0x84350f10

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n Error: Could not enumerate all of the nodes in the cluster.%n

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 3857 (Hex)0x84350f11

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not get the cluster's status.%n

Cause: The Cluster service may not be running.

Try to restart the Cluster service.

Event Identifier: CPQHSMSG.DLL - 3858 (Hex)0x84350f12

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not open the enumerated resource.%n

Cause: The Cluster service may not be running.

Try to restart the Cluster service.

Event Identifier: CPQHSMSG.DLL - 3859 (Hex)0x84350f13

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not enumerate the cluster's resources.%n

Cause: The Cluster service may not be running.

Try to restart the Cluster service.

Event Identifier: CPQHSMSG.DLL - 3860 (Hex)0x44350f14

Log Severity: Information (1)

Log Message: Component: HP Cluster Agent%n

Error: Resource status is online.

Event Identifier: CPQHSMSG.DLL - 3861 (Hex)0x44350f15

Log Severity: Information (1)

Log Message: Component: HP Cluster Agent%n

Error: Resource status is offline.%n

Cause: The resource has failed or was taken offline by a cluster administrator.

Event Identifier: CPQHSMSG.DLL - 3862 (Hex)0x44350f16

Log Severity: Information (1)

Log Message: Component: HP Cluster Agent%n

Error: Could not get the resource status.%n

Cause: The Cluster service may not be running.

Try to restart the Cluster service.

Event Identifier: CPQHSMSG.DLL - 3863 (Hex)0x44350f17

Log Severity: Information (1)

Log Message: Component: HP Cluster Agent%n Error: Resource status is inherited.

Event Identifier: CPQHSMSG.DLL - 3864 (Hex)0x44350f18

Log Severity: Information (1)

Log Message: Component: HP Cluster Agent%n

Error: Resource status is initializing.%n

Cause: The Cluster service is starting.

Event Identifier: CPQHSMSG.DLL - 3865 (Hex)0x44350f19

Log Severity: Information (1)

Log Message: Component: HP Cluster Agent%n

Error: Resource status is pending.%n

Cause: The Cluster service is starting or the resource is being put back online or being taken offline.

Event Identifier: CPQHSMSG.DLL - 3866 (Hex)0x44350f1a

Log Severity: Information (1)

Log Message: Component: HP Cluster Agent%n

Error: Resource status is online pending.%n

Cause: The resource is being put back online.

Event Identifier: CPQHSMSG.DLL - 3867 (Hex)0x44350f1b

Log Severity: Information (1)

Log Message: Component: HP Cluster Agent%n

Error: Resource status is offline pending.%n

Cause: The resource is being taken offline.

Event Identifier: CPQHSMSG.DLL - 3868 (Hex)0x84350f1c

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Cluster information is unavailable.%n

Cause: The Cluster service may not be running.

Try to restart the Cluster service.

Event Identifier: CPQHSMSG.DLL - 3869 (Hex)0x84350f1d

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: The Cluster service is not running.%n

Cause: The Cluster service has failed or has not started yet.

Try to restart the cluster service.

Event Identifier: CPQHSMSG.DLL - 3870 (Hex)0x84350f1e

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: The Agent could not open the Cluster service.%n

Cause: The Cluster service may have been stopped.

Try to restart the cluster service.

Event Identifier: CPQHSMSG.DLL - 3871 (Hex)0x84350f1f

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: The Agent could not open the Cluster service registry key.%n

Cause: The Cluster service may have not been installed, a corrupt registry or a low memory condition. Rebooting the server may correct this error, or try to reinstall the Cluster service.

Event Identifier: CPQHSMSG.DLL - 3872 (Hex)0x84350f20

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: The specified storage class is not supported by the Agent.%n

Cause: The Agent only supports the disk resource class.

Event Identifier: CPQHSMSG.DLL - 3873 (Hex)0x84350f21

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: The fibre controller resided at the storage box is off-line.%n

Cause: The Agent only supports the disk resource class.

Event Identifier: CPQHSMSG.DLL - 3874 (Hex)0x84350f22

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not read the registry sub-key: "%1".%n

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQHSMSG.DLL - 3875 (Hex)0x84350f23

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not open enumerated network.%n

Cause: The Cluster service may not be running.

Try to restart the Cluster service.

Event Identifier: CPQHSMSG.DLL - 3876 (Hex)0x84350f24

Log Severity: Warning (2)

Log Message: Component: HP Cluster Agent%n

Error: Could not enumerate the cluster's networks.%n

Cause: The Cluster service may not be running.

Try to restart the Cluster service.

Event Identifier: CPQHSMSG.DLL - 4352 (Hex)0x84351100

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not allocate memory.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4353 (Hex)0x84351101

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not open the base of the registry. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4354 (Hex)0x84351102

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not create the registry subkey: "%1". The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4355 (Hex)0x84351103

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not open the registry subkey: "%1". The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4356 (Hex)0x84351104

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not read the registry value "%1". The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4357 (Hex)0x84351105

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent found an incorrect type for registry value "%1". The data contains the type found.

Event Identifier: CPQHSMSG.DLL - 4358 (Hex)0x84351106

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not create a necessary event. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4359 (Hex)0x84351107

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not set an event.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4360 (Hex)0x84351108

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not create its main thread of execution. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4361 (Hex)0x84351109

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent main thread did not terminate properly. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4362 (Hex)0x8435110a

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent got an unexpected error code while waiting for an event. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4363 (Hex)0x8435110b

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent did not respond to a request. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4364 (Hex)0x8435110c

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent received an unknown action code from the service. The data contains the action code.

Event Identifier: CPQHSMSG.DLL - 4365 (Hex)0x8435110d

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not get the system type. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4402 (Hex)0x84351132

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not create an SNMP session. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4403 (Hex)0x84351133

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent SNMP request failed.

The data contains the error code. Action: 1) Ensure that the

SNMP service is configured to allow SNMP requests from

"localhost". 2) Ensure that there is an adequate amount of free memory.

Event Identifier: CPQHSMSG.DLL - 4405 (Hex)0x84351135

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not set the variable because it is unsupported. The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4406 (Hex)0x84351136

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent could not set the variable because the value is invalid or out of range.

The data contains the error code.

Event Identifier: CPQHSMSG.DLL - 4407 (Hex)0x84351137

Log Severity: Warning (2)

Log Message: The HP External Status MIB Agent is not loaded. Sets are not available. The data contains the error code.

NIC Agents

Event Identifier: CPQNIMSG.DLL - 256 (Hex)0x84350100

Log Severity: Warning (2)

Log Message: The HP NIC Management Agent detected an error.

The insertion string is: %1.

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 257 (Hex)0x84350101

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Unable to allocate memory.

Cause: This indicates a low memory condition. Rebooting the system will correct this error.

Event Identifier: CPQNIMSG.DLL - 258 (Hex)0x84350102

Log Severity: Warning (2)

Log Message: The HP NIC Management Agent could not register with the Service

Control Manager. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 259 (Hex)0x84350103

Log Severity: Warning (2)

Log Message: The HP NIC Management Agent could not set the service status with the Service Control Manager.

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 260 (Hex)0x84350104

Log Severity: Warning (2)

Log Message: The HP NIC Management Agent could not start the Service Control Dispatcher.

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 261 (Hex)0x84350105

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Unable to read from the registry.

Cause: This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 262 (Hex)0x84350106

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Could not create the registry key: "%1".

Cause: This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 263 (Hex)0x84350107

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Could not delete the registry key: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 264 (Hex)0x84350108

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Unable to open the registry key "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 265 (Hex)0x84350109

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Unable to read "%1" from the registry.

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 266 (Hex)0x8435010a

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Unable to read "%1" from the registry.

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 267 (Hex)0x8435010b

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Unable to write "%1" to the registry.

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 268 (Hex)0x8435010c

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Unable to enumerate "%1" from the registry.

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 269 (Hex)0xc435010d

Log Severity: Error (3)

Log Message: The HP NIC Management Agent encountered a fatal error.

The service is terminating.

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 270 (Hex)0x8435010e

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Unable to create thread.

Cause: This error can be caused by a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 271 (Hex)0x8435010f

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Could not open the driver for device "%1".

Cause: an improperly installed adapter can cause this error. Removing and reinstalling the device may correct the problem. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 272 (Hex)0x84350110

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: Failure in driver %1.

Cause: This error can be caused by an outdated driver version. Installing a later version of the driver may correct the problem. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 273 (Hex)0x84350111

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: There were no physical adapters in team: "%1"

Cause: This error can be caused by improperly installed drivers. Remove all device instances associated with the team and re-install the drivers and team.

Event Identifier: CPQNIMSG.DLL - 274 (Hex)0x84350112

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: The NIC Management Agent cannot generate TRAPS due to a communication problem with the NIC SNMP extension agent.

Cause: This error can be caused by improperly installed Agents. Re-install the agents.

Event Identifier: CPQNIMSG.DLL - 275 (Hex)0x44350113

Log Severity: Information (1)

Log Message: Component: HP NIC Management Agent

Communication with the NIC SNMP extension agent has been restored.

Traps can now be sent.

Event Identifier: CPQNIMSG.DLL - 276 (Hex)0x84350114

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: The NIC Management Agent cannot communicate with the Token Ring Protocol driver (CNMPROT.SYS).

The agent is still functional, but Token Ring MIB II transmissions statistics will not be accurate.

Cause: improperly installed Agents can cause this error. Re-install the agents.

Event Identifier: CPQNIMSG.DLL - 277 (Hex)0x44350115

Log Severity: Information (1)

Log Message: The HP NIC Management Agent version %1 has started.

Event Identifier: CPQNIMSG.DLL - 279 (Hex)0x84350117

Log Severity: Warning (2)

Log Message: The HP NIC Management Agent could not set an event.

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 280 (Hex)0x84350118

Log Severity: Warning (2)

Log Message: The HP NIC Management Agent service could not start any agents successfully.

Event Identifier: CPQNIMSG.DLL - 281 (Hex)0x84350119

Log Severity: Warning (2)

Log Message: The HP NIC Management Agent main thread did not terminate properly. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 283 (Hex)0x8435011b

Log Severity: Warning (2)

Log Message: The HP NIC Management Agent did not respond to a request.

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 285 (Hex)0x8435011d

Log Severity: Warning (2)

Log Message: The HP NIC Management Agent could not get the system type.

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 287 (Hex)0x8435011f

Log Severity: Warning (2)

Log Message: The HP NIC Agent service could not load the module "%1".

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 288 (Hex)0x84350120

Log Severity: Warning (2)

Log Message: The HP NIC Agent service could get the control function for module "%1".

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 290 (Hex)0x84350122

Log Severity: Warning (2)

Log Message: The HP NIC Agent service could not start agent "%1".

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 291 (Hex)0x84350123

Log Severity: Warning (2)

Log Message: The HP NIC Agent service detected an invalid state for agent *"%1".

The data contain the state.

Event Identifier: CPQNIMSG.DLL - 292 (Hex)0x84350124

Log Severity: Warning (2)

Log Message: The HP NIC Agent service could not stop agent "%1".

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 293 (Hex)0x84350125

Log Severity: Warning (2)

Log Message: The HP NIC Agent service could not terminate agent "%1".

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 294 (Hex)0x84350126

Log Severity: Warning (2)

Log Message: The HP NIC Agent service could not unload the module "%1".

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 296 (Hex)0xc4350128

Log Severity: Error (3)

Log Message: Component: HP NIC Management Agent

Error: A driver for a NIC failed to open.

Cause: an improperly installed adapter can cause this error. Removing and reinstalling all adapters may correct the problem. The NIC Agent service will not respond to any management requests.

Event Identifier: CPQNIMSG.DLL - 297 (Hex)0x84350129

Log Severity: Warning (2)

Log Message: Component: HP NIC Management Agent

Error: An attempt to log an event to the IML failed.

Cause: The IML log may be full. Clearing the IML log may correct this problem.

Event Identifier: CPQNIMSG.DLL - 512 (Hex)0x84350200

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent

Error: Unable to allocate memory.

Cause: This indicates a low memory condition. Rebooting the system will correct this error.

Event Identifier: CPQNIMSG.DLL - 513 (Hex)0x84350201

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent

Error: Unable to read from the registry.

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 514 (Hex)0x84350202

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent

Error: Could not create the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 515 (Hex)0x84350203

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent

Error: Unable to open the registry subkey "%1".

Cause: This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 516 (Hex)0x84350204

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent

Error: Unable to read "%1" from the registry.

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 525 (Hex)0x8435020d

Log Severity: Warning (2)

Log Message: The NIC Mib Insight Agent could not get the system type.

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 526 (Hex)0x8435020e

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent

Error: Could not open the driver for device "%1".

Cause: an improperly installed adapter can cause this error. Removing and reinstalling the device may correct the problem. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 527 (Hex)0x8435020f

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent

Error: Failure in driver %1.

Cause: This error can be caused by an outdated driver version. Installing a later version of the driver may correct the problem. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 528 (Hex)0x84350210

Log Severity: Warning (2) Log Message:

Component: HP NIC AgentError: Unable to enumerate "%1" from the registry.

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 529 (Hex)0x84350211

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent

Error: There were no physical adapters in team: "%1"

Cause: improperly installed drivers can cause this error. Remove all device instances associated with the team and re-install the drivers and team.

Event Identifier: CPQNIMSG.DLL - 768 (Hex)0x84350300

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent (CPQNICS)

Error: Unable to allocate memory.

Cause: This indicates a low memory condition. Rebooting the system will correct this error.

Event Identifier: CPQNIMSG.DLL - 769 (Hex)0x84350301

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent (CPQNICS)

Error: Unable to read from the registry.

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 770 (Hex)0x84350302

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent (CPQNICS)

Error: Could not write the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 771 (Hex)0x84350303

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent (CPQNICS)

Error: Could not read the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 772 (Hex)0x84350304

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent (CPQNICS)

Error: Could not write the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 773 (Hex)0x84350305

Log Severity: Warning (2)

Log Message: Component: HP NIC Agent (CPQNICS)

Error: Could not write the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQNIMSG.DLL - 774 (Hex)0x84350306

Log Severity: Warning (2)

Log Message: The NICs Insight Agent could not create a necessary event. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 775 (Hex)0x84350307

Log Severity: Warning (2)

Log Message: The NICs Insight Agent could not set an event. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 776 (Hex)0x84350308

Log Severity: Warning (2)

Log Message: The NICs Insight Agent could not create its main thread of execution. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 777 (Hex)0x84350309

Log Severity: Warning (2)

Log Message: The NICs Insight Agent main thread did not terminate properly. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 778 (Hex)0x8435030a

Log Severity: Warning (2)

Log Message: The NICs Insight Agent got an unexpected error code while waiting for an event. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 779 (Hex)0x8435030b

Log Severity: Warning (2)

Log Message: The NICs Insight Agent did not respond to a request.

The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 780 (Hex)0x8435030c

Log Severity: Warning (2)

Log Message: The NICs Insight Agent received an unknown action code from the service. The data contain the action code.

Event Identifier: CPQNIMSG.DLL - 781 (Hex)0x8435030d

Log Severity: Warning (2)

Log Message: The NICs Insight Agent could not get the system type. The data contain the error code.

Event Identifier: CPQNIMSG.DLL - 1024 (Hex)0x84350400 (Service Event)

Log Severity: Warning (2)

Log Message: Component: HP NIC SNMP Management Agent

Error: The SNMP Insight Agent is unable to generate traps due to an error during initialization.

Cause: Check to ensure that the SNMP service is running. Reinstalling the agents may fix this error.

Event Identifier: CPQNIMSG.DLL - 1025 (Hex)0x84350401

Log Severity: Warning (2)

Log Message: The SNMP Insight Agent's trap thread has encountered an error

while waiting for event notification from event log.

Event Identifier: CPQNIMSG.DLL - 1027 (Hex)0x84350403

Log Severity: Warning (2)

Log Message: Component: HP NIC SNMP Management Agent

Error: The SNMP Agent is older than other components.

Cause: The SNMP Agent is older than the other components of the Insight Agents. Reinstall the entire Insight Agents package to correct this error.

Event Identifier: CPQNIMSG.DLL - 1028 (Hex)0x84350404

Log Severity: Warning (2)

Log Message: Component: HP NIC SNMP Management Agent

Error: The %1 Agent is older than other components.

Cause: The %1 Agent is older than the other components of the Insight Agents. Reinstall the entire Insight Agents package to correct this error.

Event Identifier: CPQNIMSG.DLL - 1029 (Hex)0x84350405

Log Severity: Warning (2)

Log Message: The SNMP Insight Agent has failed to refresh data associated with key %1. Check to make sure management service is up and running. This may cause data received from HP SNMP agent to be old or invalid.

Event Identifier: CPQNIMSG.DLL - 1030 (Hex)0xc4350406

Log Severity: Error (3)

Log Message: The SNMP Insight Agent was unable to process a SNMP request because the Insight Agents Service is not up and running.

Event Identifier: CPQNIMSG.DLL - 1031 (Hex)0x44350407

Log Severity: Information (1)

Log Message: The SNMP Insight Agent has continued refreshing data for the key associated with %1.

Event Identifier: CPQNIMSG.DLL - 1032 (Hex)0x84350408

Log Severity: Warning (2)

Log Message: Component: HP NIC SNMP Management Agent

Error: Unable to read security configuration information. SNMP sets have been disabled.

Cause: This can be cause by an invalid or missing configuration or by a corrupt registry. Reinstalling the Insight Agents may correct this problem.

Event Identifier: CPQNIMSG.DLL - 1033 (Hex)0x44350409

Log Severity: Information (1)

Log Message: Component: HP NIC SNMP Management Agent

Note: The SNMP Insight Agent will allow SNMP sets.

Event Identifier: CPQNIMSG.DLL - 1034 (Hex)0x4435040a

Log Severity: Information (1)

Log Message: Component: HP NIC SNMP Management Agent

Note: The SNMP Insight Agent will not allow SNMP sets.

Event Identifier: CPQNIMSG.DLL - 1035 (Hex)0xc435040b

Log Severity: Error (3)

Log Message: Component: %4

Error: Unable to load a required library.

Cause: a corrupt or missing file can cause this error.

Reinstalling the Insight Agents or running the Emergency Repair procedure may correct this error.

Event Identifier: CPQNIMSG.DLL - 1036 (Hex)0x8435040c

Log Severity: Warning (2)

Log Message: The SNMP Insight Agent was unable to forward an SNMP trap to the

HP Remote Insight Board trap due to processing error.

The data contains the error code.

Event Identifier: CPQNIMSG.DLL - 1037 (Hex)0x8435040d

Log Severity: Warning (2)

Log Message: The SNMP Insight Agent was unable to get last modification time

for key %1.

Event Identifier: CPQNIMSG.DLL - 1038 (Hex)0x8435040e

Log Severity: Warning (2)

Log Message: Component: HP NIC SNMP Management Agent

Error: The Insight Agent service is not running.

Cause: The SNMP Insight Agent has determined that the Insight Agent service is not running. Stop the SNMP service and restart the Insight Agents service. If the error persists, reinstalling the Insight Agents may correct this error.

Event Identifier: CPQNIMSG.DLL - 1039 (Hex)0x4435040f

Log Severity: Information (1)

Log Message: The HP NIC SNMP Management Agent has determined the Insight Agent Management service is running.

Event Identifier: CPQNIMSG.DLL - 1040 (Hex)0x44350410

Log Severity: Information (1)

Log Message: Component: HP NIC SNMP Management Agent

Error: The agent could not deliver trap %1.

Cause: The agent was unable to use Asynchronous Management to deliver a trap. This can be caused by a failure in the Remote Access Service or by a missing or invalid configuration. Use the Insight Agent control panel to verify the Asynchronous Management configuration settings. Use the Network control panel to verify the Remote Access configuration. If this error persists, reinstalling the Insight Agents or the Remote

Access Service may correct this error. For more information, refer to the Insight Asynchronous Management documentation.

Event Identifier: CPQNIMSG.DLL - 1041 (Hex)0x44350411

Log Severity: Information (1)

Log Message: HP NICMIB Agent started.

Event Identifier: CPQNIMSG.DLL - 1042 (Hex)0x44350412

Log Severity: Information (1)

Log Message: HP CPQNIMIB Agent started.

Event Identifier: 1280 (Hex)0x44350500 (CPQNIMSG.DLL)

Log Severity: Information (1)

Event Title: cpqNicConnectivityRestored

Log Message: HP NIC Agent: Connectivity has been restored for the NIC in slot %1, port %s.

Snmp Trap: cpqNicConnectivityRestored - 18001 in CPQNIC.MIB

Symptom: "This trap will be sent any time connectivity is restored to a logical adapter. This occurs when the physical adapter in a single adapter configuration returns to the OK condition or at least one physical adapter in a logical adapter group returns to the OK condition. This can be caused by replacement of a faulty cable or re-attaching a cable that was unplugged. User Action: None required."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqNicIfPhysAdapterSlot

%4 cpqNicIfPhysAdapterPort

Event Identifier: 1281 (Hex)0xc4350501 (CPQNIMSG.DLL)

Log Severity: Error (3)

Event Title: cpqNicConnectivityLost

Log Message: HP NIC Agent: Connectivity has been lost for the NIC in slot %1, port %s.

Snmp Trap: cpqNicConnectivityLost - 18002 in CPQNIC.MIB

Symptom: "This trap will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. User Action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqNicIfPhysAdapterSlot

%4 cpqNicIfPhysAdapterPort

Event Identifier: 1282 (Hex)0x44350502 (CPQNIMSG.DLL)

Log Severity: Information (1)

Event Title: cpqNicRedundancyIncreased

Log Message: HP NIC Agent: Redundancy has been increased by the NIC in slot %1, port %s. Number of functional NICs in the team: %s.

Snmp Trap: cpqNicRedundancyIncreased - 18003 in CPQNIC.MIB

Symptom: "This trap will be sent any time a previously failed physical adapter in a connected logical adapter group returns to the OK condition. This trap is not sent when a logical adapter group has connectivity restored from a Failed condition. The cpqNicConnectivityRestored trap is sent instead. This can be caused by replacement of a faulty cable or re-attaching a cable that was unplugged. User Action: None required."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqNicIfPhysAdapterSlot

%4 cpqNicIfPhysAdapterPort

%5 cpqNicIfLogMapAdapterOKCount

Event Identifier: 1283 (Hex)0xc4350503 (CPQNIMSG.DLL)

Log Severity: Error (3)

Event Title: cpqNicRedundancyReduced

Log Message: HP NIC Agent: Redundancy has been reduced by the NIC in slot %1, port %s. Number of functional NICs in the team: %s.

Snmp Trap: cpqNicRedundancyReduced - 18004 in CPQNIC.MIB

Symptom: "This trap will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. User Action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqNicIfPhysAdapterSlot

%4 cpqNicIfPhysAdapterPort

%5 cpqNicIfLogMapAdapterOKCount

Event Identifier:1284 (Hex)0x44350504 (CPQNIMSG.DLL)

Log Severity: Information (1)

Event Title: cpqNic2ConnectivityRestored

Log Message: HP NIC Agent: Connectivity has been restored for the NIC in slot %1, port %s.

Snmp Trap: cpqNic2ConnectivityRestored - 18005 in CPQNIC.MIB

Symptom: "This trap will be sent any time connectivity is restored to a logical adapter. This occurs when the physical adapter in a single adapter configuration returns to the OK condition or at least one physical adapter in a logical adapter group returns to the OK condition. This can be caused by replacement of a faulty cable or re-attaching a cable that was unplugged. User Action: None required."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqNicIfPhysAdapterSlot

%4 cpqNicIfPhysAdapterPort

%5 cpqSiServerSystemId

%6 cpqNicIfPhysAdapterStatus

%7 cpqSePciSlotBoardName

%8 cpqNicIfPhysAdapterPartNumber

%9 ipAdEntAddr

Event Identifier: 1285 (Hex)0xc4350505 (CPQNIMSG.DLL)

Log Severity: Error (3)

Event Title: cpqNic2ConnectivityLost

Log Message: HP NIC Agent: Connectivity has been lost for the NIC in slot %1, port %s.

Snmp Trap: cpqNic2ConnectivityLost - 18006 in CPQNIC.MIB Symptom: "This trap will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. User Action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqNicIfPhysAdapterSlot

%4 cpqNicIfPhysAdapterPort

%5 cpqSiServerSystemId

%6 cpqNicIfPhysAdapterStatus

%7 cpqSePciSlotBoardName

%8 cpqNicIfPhysAdapterPartNumber

%9 ipAdEntAddr

Event Identifier: 1286 (Hex)0x44350506 (CPQNIMSG.DLL)

Log Severity: Information (1)

Event Title: cpqNic2RedundancyIncreased

Log Message: HP NIC Agent: Redundancy has been increased by the NIC in slot %1, port %s. Number of functional NICs in the team: %s.

Snmp Trap: cpqNic2RedundancyIncreased - 18007 in CPQNIC.MIB

Symptom: "This trap will be sent any time a previously failed physical adapter in a connected logical adapter group returns to the OK condition. This trap is not sent when a logical adapter group has connectivity restored from a Failed condition. The cpqNicConnectivityRestored trap is sent instead. This can be caused by replacement of a faulty cable or re-attaching a cable that was unplugged. User Action: None required."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqNicIfPhysAdapterSlot

%4 cpqNicIfPhysAdapterPort

%5 cpqSiServerSystemId

%6 cpqNicIfPhysAdapterStatus

%7 cpqSePciSlotBoardName

%8 cpqNicIfPhysAdapterPartNumber

%9 ipAdEntAddr

%10 cpqNicIfLogMapAdapterOKCount

Event Identifier: 1287 (Hex)0xc4350507 (CPQNIMSG.DLL)

Log Severity: Error (3)

Event Title: cpqNic2RedundancyReduced

Log Message: HP NIC Agent: Redundancy has been reduced by the NIC in slot %1, port %s. Number of functional NICs in the team: %s.

Snmp Trap: cpqNic2RedundancyReduced - 18008 in CPQNIC.MIB

Symptom: "This trap will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. User Action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqNicIfPhysAdapterSlot

%4 cpqNicIfPhysAdapterPort

%5 cpqSiServerSystemId

%6 cpqNicIfPhysAdapterStatus

%7 cpqSePciSlotBoardName

%8 cpqNicIfPhysAdapterPartNumber

%9 ipAdEntAddr

%10 cpqNicIfLogMapAdapterOKCount

Storage Agents

Event Identifier: CPQSTMSG.DLL - 256 (Hex)0x84350100

Log Severity: Warning (2)

Log Message: The HP Storage Agents service detected an error.

The insertion string is: %1. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 257 (Hex)0x84350101

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not allocate memory.

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 258 (Hex)0x84350102

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not register with the Service Control Manager. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 259 (Hex)0x84350103

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not set the service status with the Service Control Manager.

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 260 (Hex)0x84350104

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not create an event object.

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 261 (Hex)0x84350105

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not open registry key "%1".

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 262 (Hex)0x84350106

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not start any agents successfully.

Event Identifier: CPQSTMSG.DLL - 263 (Hex)0x84350107

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not read the registry value "%1".

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 264 (Hex)0x84350108

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not load the module "%1".

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 265 (Hex)0x84350109

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could get the control function for module "%1".

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 267 (Hex)0x8435010b

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not start agent "%1".

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 268 (Hex)0x8435010c

Log Severity: Warning (2)

Log Message: The HP Storage Agents service detected an invalid state

for agent "%1". The data contains the state.

Event Identifier: CPQSTMSG.DLL - 269 (Hex)0x8435010d

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not stop agent "%1".

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 270 (Hex)0x8435010e

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not terminate agent "%1".

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 271 (Hex)0x8435010f

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not unload the module "%1".

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 272 (Hex)0x84350110

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not create the registry

key "%1". The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 273 (Hex)0x84350111

Log Severity: Warning (2)

Log Message: The HP Storage Agents service could not write the registry value "%1". The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 399 (Hex)0xc435018f

Log Severity: Error (3)

Log Message: The HP Storage Agents service encountered a fatal error. The service is terminating. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 400 (Hex)0x44350190

Log Severity: Information (1)

Log Message: The HP Storage Agents service version %1 has started.

Event Identifier: CPQSTMSG.DLL - 401 (Hex)0x44350191

Log Severity: Information (1)

Log Message: HP Storage Agents Debug Message: %1

Event Identifier: CPQSTMSG.DLL - 512 (Hex)0x84350200

Log Severity: Warning (2)

Log Message: Component: HP Drive Array Storage Agent

Error: Unable to allocate memory.

Cause: This indicates a low memory condition. Rebooting the system will correct this error.

Event Identifier: CPQSTMSG.DLL - 513 (Hex)0x84350201

Log Severity: Warning (2)

Log Message: Component: HP Drive Array Storage Agent

Error: Could not read from the registry subkey.

Cause: This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 514 (Hex)0x84350202

Log Severity: Warning (2)

Log Message: Component: HP Drive Array Storage Agent

Error: Could not write the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 515 (Hex)0x84350203

Log Severity: Warning (2)

Log Message: Component: HP Drive Array Storage Agent

Error: Could not read the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 516 (Hex)0x84350204

Log Severity: Warning (2)

Log Message: Component: HP Drive Array Storage Agent

Error: Could not read the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 517 (Hex)0x84350205

Log Severity: Warning (2)

Log Message: Component: HP Drive Array Storage Agent

Error: Could not read the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 526 (Hex)0x8435020e

Log Severity: Warning (2)

Log Message: Component: HP Drive Array Storage Agent

Error: Unsupported storage system.

Cause: The Proliant storage system %1 is not supported by this version of the HP Storage Agents. Upgrade the agents to the latest version.

Event Identifier: CPQSTMSG.DLL - 527 (Hex)0x8435020f

Log Severity: Warning (2)

Log Message: The HP Drive Array Storage Agent storage system table is full.

Event Identifier: CPQSTMSG.DLL - 574 (Hex)0x8435023e

Log Severity: Warning (2)

Log Message: The HP Drive Array Storage Agent failed to get capacity on

SCSI drive because SCSI pass through IOCTL failed.

Event Identifier: CPQSTMSG.DLL - 768 (Hex)0x84350300

Log Severity: Warning (2)

Log Message: The HP Remote Alerter Agent detected an invalid data type within an alert definition.

Event Identifier: CPQSTMSG.DLL - 769 (Hex)0x84350301

Log Severity: Warning (2)

Log Message: The HP Remote Alerter Agent detected an error while attempting o log an alert remotely. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 770 (Hex)0x84350302

Log Severity: Warning (2)

Log Message: The HP Remote Alerter Agent detected an error while attempting to retrieve data from key = %1 in the registry. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 771 (Hex)0x84350303

Log Severity: Warning (2)

Log Message: The HP Remote Alerter Agent was unable to log an event in the event log of the system named %1. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 772 (Hex)0xc4350304

Log Severity: Error (3)

Log Message: The HP Remote Alerter Agent detected a null handle on initialization. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 773 (Hex)0xc4350305

Log Severity: Error (3)

Log Message: The HP Remote Alerter Agent received an error on WaitForMultipleObjects call. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 774 (Hex)0xc4350306

Log Severity: Error (3)

Log Message: The HP Remote Alerter Agent received an error on ResetEvent call. The data contains the error code.

Event Identifier: 1061 (Hex)0xc4350425 (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP Drive Array Physical Drive Threshold Exceeded

Log Message: The physical drive in slot %s, port %s, bay %s with serial number "%s", has exceeded a drive threshold

Snmp Trap: cpqDa5PhyDrvThreshPassedTrap - 3030 in CPQIDA.MIB

Symptom: "Physical Drive Threshold Passed. This trap signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a HP Drive Array has been exceeded. User Action: Replace the physical drive."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaPhyDrvCntlrIndex

%4 cpqDaPhyDrvBusNumber

%5 cpqDaPhyDrvBay

%6 cpqDaPhyDrvModel

%7 cpqDaPhyDrvFWRev

%8 cpqDaPhyDrvSerialNum

Event Identifier: 1062 (Hex)0xc4350426 (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP Drive Array Logical Drive Status Change

Log Message: Logical drive number %s on the array controller in slot %s has a new status of %s

(Logical Drive status values: 1=other, 2=ok, 3=failed, 4=unconfigured, 5=recovering, 6=readyForRebuild, 7=rebuilding, 8=wrongDrive, 9=badConnect, 10=overheating, 11=shutdown, 12=expanding, 13=notAvailable, 14=queuedForExpansion)

Snmp Trap: cpqDa3LogDrvStatusChange - 3008 in CPQIDA.MIB

Symptom: "Logical Drive Status Change. This trap signifies that the Insight Agent has detected a change in the status of a HP Drive Array logical drive. The variable cpqDaLogDrvStatus indicates the current logical drive status."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaLogDrvStatus

Event Identifier: 1063 (Hex)0xc4350427 (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP Drive Array Spare Drive Status Change

Log Message: The spare drive in slot %s, port %s, bay %s has a new status of %s(Spare status values: 1=other, 2=invalid, 3=failed, 4=inactive, 5=building, 6=active)

Snmp Trap: cpqDa4SpareStatusChange - 3017 in CPQIDA.MIB

Symptom: "Spare Drive Status Change. This trap signifies that the Insight Agent has detected a change in the status of a HP Drive Array spare drive. The variable cpqDaSpareStatus indicates the current spare drive status. User Action: If the spare drive status is failed, replace the drive."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaSpareStatus

%4 cpqDaSpareCntlrIndex

%5 cpqDaSpareBusNumber

%6 cpqDaSpareBay

Event Identifier: 1064 (Hex)0xc4350428 (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP Drive Array Physical Drive Status Change

Log Message: The physical drive in slot %s, port %s, bay %s with serial number "%s", has a new status of %s (Drive status values: 1=other, 2=ok, 3=failed, 4=predictiveFailure)

Snmp Trap: cpqDa5PhyDrvStatusChange - 3029 in CPQIDA.MIB

Symptom: "Physical Drive Status Change. This trap signifies that the agent has detected a change in the status of a HP Drive Array physical drive. The variable cpaDaPhyDrvStatus indicates the current physical drive status. User Action: If the physical drive status is failed(3) or predictiveFailure(4), replace the drive."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaPhyDrvStatus

%4 cpqDaPhyDrvCntlrIndex

%5 cpqDaPhyDrvBusNumber

%6 cpqDaPhyDrvBay

%7 cpqDaPhyDrvModel

%8 cpqDaPhyDrvFWRev

%9 cpqDaPhyDrvSerialNum

%10 cpqDaPhyDrvFailureCode

Event Identifier:1065 (Hex)0xc4350429 (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP Drive Array Accelerator Status Change

Log Message: The array accelerator board attached to the array controller in slot %s has a new status of %s

(Accelerator status values: 1=other, 2=invalid, 3=enabled, 4=tmpDisabled, 5=permDisabled)

Snmp Trap: cpqDa5AccelStatusChange - 3025 in CPQIDA.MIB

Symptom: "Accelerator Board Status Change. This trap signifies that the agent has detected a change in the status of a HP Array Accelerator Cache. The current status is represented by the variable cpqDaAccelStatus. User Action: If the accelerator boardstatus is permDisabled(5), you may need to replace the accelerator board."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaCntlrSlot

%4 cpqDaCntlrModel

%5 cpqDaAccelSerialNumber

%6 cpqDaAccelTotalMemory

%7 cpqDaAccelStatus

%8 cpqDaAccelErrCode

Event Identifier: 1066 (Hex)0xc435042a (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP Drive Array Accelerator Bad Data

Log Message: The array accelerator board attached to the array controller in slot %s is reporting that it contains bad-cached data

Snmp Trap: cpqDa5AccelBadDataTrap - 3026 in CPQIDA.MIB

Symptom: "Accelerator Board Bad Data. This trap signifies that the agent has detected a HP Array Accelerator Write Cache Board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost. User Action: Verify that no data has been lost."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaCntlrSlot

%4 cpqDaCntlrModel

%5 cpqDaAccelSerialNumber

%6 cpqDaAccelTotalMemory

Event Identifier: 1067 (Hex)0xc435042b (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP Drive Array Accelerator Battery Failed

Log Message: The array accelerator board attached to the array controller in slot %s is reporting a battery failure

Snmp Trap: cpqDa5AccelBatteryFailed - 3027 in CPQIDA.MIB

Symptom: "Accelerator Board Battery Failed. This trap signifies that the agent has detected a battery failure associated with the HP Array Accelerator Cache Board. User Action: Replace the Accelerator Cache Board."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaCntlrSlot

%4 cpqDaCntlrModel

%5 cpqDaAccelSerialNumber

%6 cpqDaAccelTotalMemory

Event Identifier: 1068 (Hex)0xc435042c (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP SCSI Controller Status Change

Log Message:

The SCSI controller in slot %s, SCSI bus %s has a new status of %s

(Controller status values: 1=other, 2=ok, 3=failed)

Snmp Trap: cpqScsi3CntlrStatusChange - 5005 in CPQSCSI.MIB

Symptom: "SCSI Controller Status Change. The Insight Agent has detected a change in the controller status of a HP SCSI Controller. The variable cpqScsiCntlrStatus indicates the current controller status."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqScsiCntlrStatus

Event Identifier: 1070 (Hex)0xc435042e (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP SCSI Physical Drive Status Change

Log Message:

The SCSI physical drive with SCSI target %s connected to SCSI bus %s of the controller in slot %s has a new status of %s

(Drive status values: 1=other, 2=ok, 3=failed, 4=notConfigured, 5=badCable, 6=missingWasOk, 7=missingWasFailed, 8=predictiveFailure, 9=missingWasPredictiveFailure, 10=offline, 11=missingWasOffline)

Snmp Trap: cpqScsi4PhyDrvStatusChange - 5017 in CPQSCSI.MIB

Symptom: "Physical Drive Status Change. The Storage Agent has detected a change in the status of a HP SCSI physical drive. The current physical drive status is indicated in the cpqScsiPhyDrvStatus variable."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqScsiPhyDrvStatus

%4 cpqScsiPhyDrvCntlrIndex

%5 cpqScsiPhyDrvBusIndex

%6 cpqScsiPhyDrvIndex

%7 cpqScsiPhyDrvVendor

%8 cpqScsiPhyDrvModel

%9 cpqScsiPhyDrvFWRev

%10 cpqScsiPhyDrvSerialNum

Event Identifier: 1075 (Hex)0x84350433 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Fan Status Change

Log Message:

The %s %s storage system connected to SCSI bus %s of the controller in slot %s has a new status of %s

(Fan status values: 1=other, 2=ok, 3=failed, 4=notInstalled, 5=degraded)

Snmp Trap: cpqSs3FanStatusChange - 8008 in CPQSTSYS.MIB

Symptom: Storage System fan status change. The agent has detected a change in the Fan Status of a HP storage system. The variable cpqSsBoxFanStatus indicates the current fan status. User Action: If the fan status is degraded or failed, replace any failed fans."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsBoxFanStatus

Event Identifier: 1076 (Hex)0xc4350434 (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP Storage System Temperature Failure

Log Message:

The %s %s storage system connected to SCSI bus %s of the controller in slot %s has a failed temperature status Shutdown the storage system as soon as possible

Snmp Trap: cpqSs3TempFailed - 8009 in CPQSTSYS.MIB

Symptom: "Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown. User Action: Shutdown the storage system as soon as possible. Insure that the storage system environment is being cooled properly and that no components are overheated."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsBoxTempStatus

Event Identifier: 1077 (Hex)0x84350435 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Temperature Degraded

Log Message:

The %s %s storage system connected to SCSI bus %s of the controller in slot %s system has a temperature outside the normal operating range

Snmp Trap: cpqSs3TempDegraded - 8010 in CPQSTSYS.MIB

Symptom: "Storage System temperature degraded. The agent has detected a temperature status that has been set to degraded. The storage system's temperature is outside of the normal operating range. User Action: Shutdown the storage system as soon as possible. Insure that the storage system environment is being cooled properly and that no components are overheated."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsBoxTempStatus

Event Identifier: 1078 (Hex)0x44350436 (CPQSTMSG.DLL)

Log Severity: Information (1)

Event Title: HP Storage System Temperature OK

Log Message:

The temperature in the %s %s storage system connected to SCSI bus %s of the controller in slot %s has returned to the normal operating range

Snmp Trap: cpqSs3TempOk - 8011 in CPQSTSYS.MIB

Symptom: "Storage System temperature ok. The temperature status has been set to OK. The storage system's temperature has returned to normal operating range. The administrator may reactivate it. User Action: None."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsBoxTempStatus

Event Identifier: CPQSTMSG.DLL - 1098 (Hex)0x4435044a

Log Severity: Information (1)

Log Message: HP Drive Array Physical Drive Monitoring is not enabled. The

physical drive in slot %4, port %5, bay %6 with serial number "%7", does not have drive threshold monitoring enabled.

Event Identifier: 1101 (Hex)0x8435044d (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Side Panel Removed

Log Message: The side panel has been removed on the %s %s storage system connected to SCSI bus %s of the controller in slot %s

Snmp Trap: cpqSs3SidePanelRemoved - 8013 in CPQSTSYS.MIB

Symptom: "Storage System side panel is removed. The side panel status has been set to removed. The storage system's side panel is not in a properly installed state. This situation may result in improper cooling of the drives in the storage system due to airflow changes caused by the missing side panel. User Action: Replace the storage system side panel."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsBoxSidePanelStatus

Event Identifier: 1102 (Hex)0x4435044e (CPQSTMSG.DLL)

Log Severity: Information (1)

Event Title: HP Storage System Side Panel In Place

Log Message:

The side panel has been replaced on the %s %s storage system connected to SCSI bus %s of the controller in slot %s

Snmp Trap: cpqSs3SidePanelInPlace - 8012 in CPQSTSYS.MIB

Symptom: "Storage System side panel is in place. The side panel status has been set to in place. The storage system's side panel has returned to a properly installed state. User Action: None."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsBoxSidePanelStatus

Event Identifier: 1104 (Hex)0x84350450 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Fault Tolerant Power Supply Degraded

Log Message:

The fault tolerant power supply in the %s %s storage system connected to SCSI bus %s of the controller in slot %s has a degraded status Restore power or replace any failed power supply

Snmp Trap: cpqSs4PwrSupplyDegraded - 8015 in CPQSTSYS.MIB

Symptom: "A storage system power supply status has been set to degraded. User Action: Take action to restore power or replace any failed storage system power supply."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsBoxFltTolPwrSupplyStatus

Event Identifier: 1107 (Hex)0xc4350453 (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP SCSI Tape Drive Status Change

Log Message: The tape drive with SCSI target %s connected to SCSI bus %s of the controller in slot %s has a new status of %s (Tape drive status values: 1=other, 2=ok, 3=failed, 5=offline, 6=missingWasOk, 7=missingWasFailed, 8=missingWasOffline)

Snmp Trap: cpqTape4PhyDrvStatusChange - 5016 in CPQSCSI.MIB

Symptom: "Tape Drive Status Change. The Storage Agent has detected a change in the status of a HP Tape drive. The current physical drive status is indicated in the cpqTapePhyDrvStatus variable."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapePhyDrvCntlrIndex

%4 cpqTapePhyDrvBusIndex

%5 cpqTapePhyDrvScsiIdIndex

%6 cpqTapePhyDrvStatus

Event Identifier: 1119 (Hex)0x8435045f (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP SCSI Tape Drive Head Needs Cleaning

Log Message: The tape drive with SCSI target %s connected to SCSI bus %s of the controller in slot %s needs to have a cleaning tape inserted and run

Snmp Trap: cpqTape3PhyDrvCleaningRequired - 5008 in CPQSCSI.MIB

Symptom: "Tape Drive Cleaning Required trap. The Insight Agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapePhyDrvCondition

Event Identifier: 1120 (Hex)0x84350460 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP SCSI Tape Drive Cleaning Tape Needs Replacing

Log Message:

The tape drive with SCSI target %s connected to SCSI bus %s of the controller in slot %s needs the cleaning tape replaced.

Snmp Trap: cpqTape3PhyDrvCleanTapeReplace - 5009 in CPQSCSI.MIB

Symptom: "Tape Drive Cleaning Tape Needs Replacing. The Insight Agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapePhyDrvCondition

Event Identifier: 1121 (Hex)0x84350461 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: cpqIdeDriveDegraded

Log Message: HP IDE Drive Status Degraded.

The IDE drive %s has a degraded status and should be scheduled for replacement.

Snmp Trap: cpqIdeDriveDegraded - 14001 in CPQIDE.MIB

Symptom: "An IDE drive status has been set to degraded. User Action: The drive should be scheduled for replacement. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqIdeIdentIndex

Event Identifier: 1122 (Hex)0x44350462 (CPQSTMSG.DLL)

Log Severity: Information (1)

Event Title: cpqIdeDriveOk

Log Message: HP IDE Drive Status OK.

The IDE drive %s has returned to a normal operating condition.

Snmp Trap: cpqIdeDriveOk - 14002 in CPQIDE.MIB

Symptom: "An IDE drive status has been set to ok. User Action: None."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqIdeIdentIndex

Event Identifier: 1145 (Hex)0xc4350479 (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP External Array Logical Drive Status Change

Log Message: Logical drive number %s on array "%s" has a new status of %s

(Logical Drive status values: 1=other, 2=ok, 3=failed, 4=unconfigured, 5=recovering, 6=readyForRebuild, 7=rebuilding, 8=wrongDrive, 9=badConnect, 10=overheating, 11=shutdown, 12=expanding, 13=notAvailable, 14=queuedForExpansion)

Snmp Trap: cpqFcaLogDrvStatusChange - 16001 in CPQFCA.MIB

Symptom: "Fibre Channel Array Logical Drive Status Change. This trap signifies that the agent has detected a change in the status of a HP Fibre Channel Array logical drive. The variable cpqFcaLogDrvStatus indicates the current logical drive status. User Action: If the logical drive status is failed, examine the array for failed drives that need replacement."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqFcaLogDrvIndex

%6 cpqFcaLogDrvStatus

Event Identifier: 1146 (Hex)0xc435047a (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP External Array Physical Drive Status Change

Log Message: The physical drive in port %s, bay %s on array "%s" has a new status of %s

(Drive status values: 1=other, 2=unconfigured, 3=ok, 4=threshExceeded, 5=predictiveFailure, 6=failed)

Snmp Trap: cpqFca2PhyDrvStatusChange - 16016 in CPQFCA.MIB

Symptom: "Fibre Channel Array Physical Drive Status Change. This trap signifies that the agent has detected a change in the status of a HP Drive Array physical drive. The variable cpaFcaPhyDrvStatus indicates the current physical drive status. User Action: If the physical drive status is threshExceeded(4), predictiveFailure(5) or failed(6), replace the drive."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqFcaPhyDrvBusNumber

%6 cpqFcaPhyDrvBay

%7 cpqFcaPhyDrvStatus

%8 cpqFcaPhyDrvModel

%9 cpqFcaPhyDrvSerialNum

%10 cpqFcaPhyDrvFWRev

%11 cpqFcaPhyDrvFailureCode

Event Identifier: 1147 (Hex)0xc435047b (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP External Array Spare Drive Status Change

Log Message: The spare drive in port %s, bay %s on array "%s" has a new status of %s (Spare status values: 1=other, 2=inactive, 3=failed, 4=building, 5=active)

Snmp Trap: cpqFcaSpareStatusChange - 16002 in CPQFCA.MIB

Symptom: "Fibre Channel Array Spare Drive Status Change. This trap signifies that the agent has detected a change in the status of a HP Fibre Channel Array spare drive. The variable cpqFcaSpareStatus indicates the current spare drive status. The variable cpqFcaSpareBusNumber indicates the SCSI bus number associated with this drive. User Action: If the spare drive status is failed, replace the drive."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqFcaSpareBusNumber

%6 cpqFcaSpareBay

%7 cpqFcaSpareStatus

Event Identifier: 1148 (Hex)0xc435047c (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP External Array Accelerator Status Change

Log Message: The array accelerator board attached to the external controller in I/O slot %s of array "%s" has a new status of %s (Accelerator status values: 1=other, 2=invalid, 3=enabled, 4=tmpDisabled, 5=permDisabled)

Snmp Trap: cpqFca2AccelStatusChange - 16017 in CPQFCA.MIB

Symptom: "Fibre Channel Array Accelerator Board Status Change. This trap signifies that the agent has detected a change in the status of a HP Array Accelerator Cache Board. The current status is represented by the variable cpqFcaAccelStatus. User Action: If the accelerator board status is permDisabled(5), you may need to replace the accelerator board."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqFcaAccelBoxIoSlot

%6 cpqFcaAccelStatus

%7 cpqFcaCntlrModel

%8 cpqFcaAccelSerialNumber

%9 cpqFcaAccelTotalMemory

%10 cpqFcaAccelErrCode

Event Identifier: 1149 (Hex)0xc435047d (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP External Array Accelerator Bad Data

Log Message: The array accelerator board attached to the external controller in I/O slot %s of array "%s" is reporting that it contains bad-cached data.

Snmp Trap: cpqFca2AccelBadDataTrap - 16018 in CPQFCA.MIB

Symptom: "Fibre Channel Array Accelerator Board Bad Data. This trap signifies that the agent has detected a HP Array Accelerator Cache Board that has lost battery power. If data was being stored in the accelerator memory when the system lost power, that data has been lost. User Action: Verify that no data has been lost."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqFcaAccelBoxIoSlot

%6 cpqFcaCntlrModel

%7 cpqFcaAccelSerialNumber

%8 cpqFcaAccelTotalMemory

Event Identifier: 1150 (Hex)0xc435047e (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP External Array Accelerator Battery Failed

Log Message: The array accelerator board attached to the external controller in I/O slot %s of array "%s" is reporting a battery failure.

Snmp Trap: cpqFca2AccelBatteryFailed - 16019 in CPQFCA.MIB

Symptom: "Fibre Channel Array Accelerator Board Battery Failed. This trap signifies that the agent has detected a battery failure associated with the HP Array Accelerator Cache Board. User Action: Replace the Accelerator Cache Board."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqFcaAccelBoxIoSlot

%6 cpqFcaCntlrModel

%7 cpqFcaAccelSerialNumber

%8 cpqFcaAccelTotalMemory

Event Identifier: 1151 (Hex)0xc435047f (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP External Array Controller Status Change

Log Message: The external controller in I/O slot %s of array "%s" has a new status of %s (Controller status values: 1=other, 2=ok, 3=failed, 4=offline)

Snmp Trap: cpqFca2CntlrStatusChange - 16020 in CPQFCA.MIB

Symptom: "Fibre Channel Array Controller Status Change. This trap signifies that the agent has detected a change in the status of a HP Fibre Channel Array Controller. The variable cpqFcaCntlrStatus indicates the current controller status. User Action: If the controller status is offline(4), access to the storage box has been lost. Check the storage box and all fibre channel connections for problems."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqFcaCntlrBoxIoSlot

%6 cpqFcaCntlrStatus

%7 cpqFcaCntlrModel

%8 cpqFcaCntlrSerialNumber

%9 cpqFcaAccelTotalMemory

Event Identifier: 1152 (Hex)0x84350480 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Fan Module Status Change

Log Message: Storage system "%s" fan module at location %s has a new status of %s (Fan module status values: 1=other, 2=notInstalled, 3=ok, 4=degraded, 5=failed)

Snmp Trap: cpqSsEx2FanStatusChange - 8020 in CPQSTSYS.MIB

Symptom: "Storage system fan status change. The agent has detected a change in the fan module status of a HP storage system. The variable cpqSsFanModuleStatus indicates the current fan status. User Action: If the fan status is degraded or failed, replace any failed fans."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqSsFanModuleLocation

%6 cpqSsFanModuleStatus

%7 cpqSsFanModuleSerialNumber

%8 cpqSsFanModuleBoardRevision

Event Identifier: 1153 (Hex)0x84350481 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Power Supply Status Change

Log Message: Storage system "%s" power supply in bay %s has a new status of %s

(Power supply status values: 1=other, 2=notInstalled, 3=ok, 4=failed)

Snmp Trap: cpqSsEx2PowerSupplyStatusChange - 8021 in CPQSTSYS.MIB

Symptom: "Storage system power supply status change. The agent has detected a change in
the power supply status of a HP storage system. The variable cpqSsPowerSupplyStatus
indicates the current status. User Action: If the power supply status is failed, take action to
restore power or replace the failed power supply."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqSsPowerSupplyBay

%6 cpqSsPowerSupplyStatus

%7 cpqSsPowerSupplySerialNumber

%8 cpqSsPowerSupplyBoardRevision

%9 cpqSsPowerSupplyFirmwareRevision

Event Identifier: 1154 (Hex)0x84350482 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Power Supply UPS Status Change

Log Message: The UPS attached to storage system "%s" power supply bay %s has a new status of %s(Power supply UPS status values: 1=other, 2=noUps, 3=ok, 4=powerFailed, 5=batteryLow)

Snmp Trap: cpqSsExPowerSupplyUpsStatusChange - 8018 in CPQSTSYS.MIB

Symptom: "Storage system power supply UPS status change. The agent has detected a change status of a UPS attached to a HP storage system power supply. The variable cpqSsPowerSupplyUpsStatus indicates the current status. User Action: If the UPS status is powerFailed(4) or batteryLow(5), take action to restore power to the UPS."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqSsPowerSupplyBay

%6 cpqSsPowerSupplyUpsStatus

Event Identifier: 1155 (Hex)0x84350483 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Temperature Sensor Status Change

Log Message: Storage system "%s" temperature sensor at location %s has a new status of %s and a current temperature value of %s celsius

(Temperature sensor status values: 1=other, 2=ok,3=degraded, 4=failed)

Snmp Trap: cpqSsExTempSensorStatusChange - 8019 in CPQSTSYS.MIB

Symptom: "Storage system temperature sensor status change. The agent has detected a change in the status of a HP storage system temperature sensor. The variable cpqSsTempSensorStatus indicates the current status. User Action: If the temperature status is degraded or failed, shutdown the storage system as soon as possible. Make sure that the storage system environment is being cooled properly and that no components are overheated."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqSsTempSensorLocation

%6 cpqSsTempSensorStatus

%7 cpqSsTempSensorCurrentValue

Event Identifier: 1156 (Hex)0x84350484 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP SCSI Tape Library Failed

Log Message:

The SCSI tape library with SCSI target %s connected to SCSI bus %s of the controller in slot %s has encountered an error

Snmp Trap: cpqTape3LibraryFailed - 5010 in CPQSCSI.MIB

Symptom: "Tape Library Error The Insight Agent has detected that an autoloader unit has an encountered an error."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapeLibrarySerialNumber

Event Identifier: 1157 (Hex)0x84350485 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP SCSI Tape Library OK

Log Message:

The SCSI tape library with SCSI target %s connected to SCSI bus %s of the controller in slot %s has recovered from errors

Snmp Trap: cpqTape3LibraryOkay - 5011 in CPQSCSI.MIB

Symptom: "Tape Library Okay The Insight Agent has detected that an autoloader unit has recovered from errors."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapeLibrarySerialNumber

Event Identifier: 1158 (Hex)0x84350486 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP SCSI Tape Library Degraded

Log Message:

The SCSI tape library with SCSI target %s connected to SCSI bus %s of the controller in slot %s is in a degraded condition

Snmp Trap: cpqTape3LibraryDegraded - 5012 in CPQSCSI.MIB

Symptom: "Tape Library Degraded The Insight Agent has detected that an autoloader unit is in a degraded condition."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapeLibrarySerialNumber

Event Identifier: 1159 (Hex)0x84350487 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP SCSI Tape Library Door Open

Log Message:

The SCSI tape library with SCSI target %s connected to SCSI bus %s of the controller in slot %s has a door open so the unit is not operational.

Snmp Trap: cpqTape3LibraryDoorOpen - 5013 in CPQSCSI.MIB

Symptom: "Tape Library Door Open The Insight Agent has detected that the door on an autoloader is open so the unit is not operational."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapeLibrarySerialNumber

Event Identifier: 1160 (Hex)0x84350488 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP SCSI Tape Library Door Closed

Log Message:

The SCSI tape library with SCSI target %s connected to SCSI bus %s of the controller in slot %s has a closed door and is now operational

Snmp Trap: cpqTape3LibraryDoorClosed - 5014 in CPQSCSI.MIB

Symptom: "Tape Library Door Closed The Insight Agent has detected that the door on a an autoloader has closed."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapeLibrarySerialNumber

Event Identifier: 1161 (Hex)0xc4350489 (CPQSTMSG.DLL)

Log Severity: Error (3)

Event Title: HP SCSI CD Library Status Change

Log Message:

The CD Library with SCSI target %s connected to SCSI bus %s of the controller in slot %s has a new status of %s

(CD Library status values: 1=other, 2=ok, 3=failed, 4=offline)

Snmp Trap: cpqScsiCdLibraryStatusChange - 5015 in CPQSCSI.MIB

Symptom: "CD Library Status Change. The Insight Agent has detected a change in the status of a HP CD Library device. The current CD Library status is indicated in the cpqScsiCdLibraryCondition variable."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqCdLibraryCntlrIndex

%4 cpqCdLibraryBusIndex

%5 cpqCdLibraryScsiIdIndex

%6 cpqCdLibraryStatus

Symptom: "Controller Active. This trap signifies that the Insight Agent has detected that a backup array controller in a duplexed pair has switched over to the active role. The variable cpqDaCntlrSlot indicates the active controller slot and cpqDaCntlrPartnerSlot indicates the backup. User Action: Check the partner controller for problems. If this was the result of a user initiated switch over, no action is required." Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaCntlrSlot

Event Identifier: 1164 (Hex)0x8435048c (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Drive Array Controller Status Change

Log Message: The Drive Array Controller in slot %s has a new status of %s

(Controller status values: 1=other, 2=ok, 3=generalFailure, 4=cableProblem, 5=poweredOff)

Snmp Trap: cpqDa5CntlrStatusChange - 3028 in CPQIDA.MIB

Symptom: "Controller Status Change. This trap signifies that the agent has detected a change in the status of a HP array controller. The variable cpqDaCntlrBoardStatus indicates the current controller status. User Action: If the board status is generalFailure(3), you may need to replace the controller. If the board status is cableProblem(4), check the cable connections between the controller and the storage system."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaCntlrSlot

%4 cpqDaCntlrBoardStatus

%5 cpqDaCntlrModel %6 cpqDaCntlrSerialNumber

%7 cpqDaCntlrFWRev

%8 cpqDaAccelTotalMemory

Event Identifier: 1165 (Hex)0x8435048d (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: cpqDaCntlrActive

Log Message: HP Drive Array Controller Active. The Drive Array Controller in slot %s has become the active controller.

Snmp Trap: cpqDaCntlrActive - 3016 in CPQIDA.MIB

%4 cpqDaCntlrPartnerSlot

Event Identifier: 1173 (Hex)0x84350495 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Fibre Channel Tape Controller Status Change

Log Message: Fibre Channel tape controller with world wide name "%s" has a new status of %s (Tape controller status values: 1=other, 2=ok, 3=offline)

Snmp Trap: cpqFcTapeCntlrStatusChange - 16008 in CPQFCA.MIB Symptom: "Fibre Channel Tape Controller Status Change. This trap signifies that the agent has detected a change in the status of a HP Fiber Channel Tape Controller. The variable cpqFcTapeCntlrStatus indicates the current tape controller status. The variable cpqFcTapeCntlrWWN indicates the unique tape controller worldwide name associated with this controller. User Action: If the tape controller status is offline, access to the tape library and tapes has been lost. Check the tape library and all Fibre connections for problems."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqFcTapeCntlrWWN

%4 cpqFcTapeCntlrStatus

Event Identifier: 1174 (Hex)0x84350496 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Fibre Channel Tape Library Status Change

Log Message: The Fibre Channel tape library on tape controller with world wide name "%s", SCSI bus %s, SCSI target %s, has a new status of %s(Library status values: 1=other, 2=ok, 3=degraded, 4=failed, 5=offline)

Snmp Trap: cpqFcTapeLibraryStatusChange - 16009 in CPQFCA.MIB

Symptom: "Fibre Channel Tape Library Status Change. This trap signifies that the agent has detected a change in the status of a HP Fiber Channel Tape library. The variable cpqFcTapeLibraryStatus indicates the current tape library status. The variable cpqFcTapeLibraryScsiTarget indicates the SCSI ID of the tape library. User Action: If the tape library is failed or offline, check the tape library front panel and all fibre channel connections."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqFcTapeCntlrWWN

%4 cpqFcTapeLibraryScsiBus

%5 cpqFcTapeLibraryScsiTarget

%6 cpqFcTapeLibraryScsiLun

%7 cpqFcTapeLibraryStatus

Event Identifier: 1175 (Hex)0x84350497 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Fibre Channel Tape Library Door Status Change

Log Message: The Fibre Channel tape library on tape controller with world wide name "%s", SCSI bus %s, SCSI target %s, has a new door status of %s

(Library door status values: 1=other, 2=notSupported, 3=closed, 4=open)

Snmp Trap: cpqFcTapeLibraryDoorStatusChange - 16010 in CPQFCA.MIB

Symptom: "Fibre Channel Tape Library Door Status Change. This trap signifies that the agent has detected a change in the door status of a HP Fiber Channel Tape library. The variable cpqFcTapeLibraryDoorStatus indicates the current tape library door status. The variable cpqFcTapeLibraryScsiTarget indicates the SCSI ID of the tape library. User Action: If the tape library door is open, close the tape library door."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqFcTapeCntlrWWN

%4 cpqFcTapeLibraryScsiBus

%5 cpqFcTapeLibraryScsiTarget

%6 cpqFcTapeLibraryScsiLun

%7 cpqFcTapeLibraryDoorStatus

Event Identifier: 1176 (Hex)0x84350498 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Fibre Channel Tape Drive Status Change

Log Message: The Fibre Channel tape drive on tape controller with world wide name "%s", SCSI bus %s, SCSI target %s, has a new status of %s(Tape drive status values: 1=other, 2=ok, 3=degraded, 4=failed, 5=offline)

Snmp Trap: cpqFcTapeDriveStatusChange - 16011 in CPQFCA.MIB

Symptom: "Fibre Channel Tape Drive Status Change. This trap signifies that the agent has detected a change in the status of a HP Fiber Channel Tape Drive. The variable cpqFcTapeDriveStatus indicates the current tape status. The variable cpqFcTapeDriveScsiTarget indicates the SCSI ID of the tape drive. User Action: If the tape is failed or offline, check the tape and all fibre channel connections."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqFcTapeCntlrWWN

%4 cpqFcTapeDriveScsiBus

%5 cpqFcTapeDriveScsiTarget

%6 cpqFcTapeDriveScsiLun %7 cpqFcTapeDriveStatus

Event Identifier: 1177 (Hex)0x84350499 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Fibre Channel Tape Drive Cleaning Required

Log Message: The Fibre Channel tape drive on tape controller with world wide name "%s", SCSI bus %s, SCSI target %s, requires cleaning

Snmp Trap: cpqFcTapeDriveCleaningRequired - 16012 in CPQFCA.MIB

Symptom: "Fibre Channel Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqFcTapeCntlrWWN

%4 cpqFcTapeDriveScsiBus

%5 cpqFcTapeDriveScsiTarget

%6 cpqFcTapeDriveScsiLun

Event Identifier: 1178 (Hex)0x8435049a (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Fibre Channel Tape Drive Replace Cleaning Tape

Log Message: The cleaning tape in the Fibre Channel tape drive on tape controller with world wide name "%s", SCSI bus %s, SCSI target %s, needs to be replaced

Snmp Trap: cpqFcTapeDriveCleanTapeReplace - 16013 in CPQFCA.MIB

Symptom: "Fibre Channel Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqFcTapeCntlrWWN

%4 cpqFcTapeDriveScsiBus

%5 cpqFcTapeDriveScsiTarget

%6 cpqFcTapeDriveScsiLun

Event Identifier: 1179 (Hex)0x8435049b (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP External Array Controller Active

Log Message: The external controller in I/O slot %s of array "%s" has become the active controller

Snmp Trap: cpqFcaCntlrActive - 16014 in CPQFCA.MIB

Symptom: "Fibre Array Controller Active. This trap signifies that the Storage Agent has detected that a backup array controller in a duplexed pair has switched over to the active role. The variable cpqFcaCntlrBoxIoSlot indicates the new active controller index. User Action: Check the partner controller for problems. If this was the result of a user initiated switch over, no action is required."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqFcaCntlrBoxIoSlot

Event Identifier: 1180 (Hex)0x8435049c (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Drive Array Tape Library Status Change

Log Message: The tape library in slot %s, SCSI bus %s, SCSI target %s has a new status of %s(Library status values: 1=other, 2=ok, 3=degraded, 4=failed, 5=offline)

Snmp Trap: cpqDaTapeLibraryStatusChange - 3020 in CPQIDA.MIB

Symptom: "Tape Library Status Change. This trap signifies that the agent has detected a change in the status of a HP tape library. The variable cpqDaTapeLibraryStatus indicates the current tape library status. The variable cpqDaTapeLibraryScsiTarget indicates the SCSI ID of the tape library. User Action: If the tape library is failed, check the tape library front panel."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaTapeLibraryCntlrIndex

%4 cpqDaTapeLibraryScsiBus

%5 cpqDaTapeLibraryScsiTarget

%6 cpqDaTapeLibraryScsiLun

%7 cpqDaTapeLibraryStatus

Event Identifier: 1181 (Hex)0x8435049d (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Drive Array Tape Library Door Status Change

Log Message: The tape library in slot %s, SCSI bus %s, SCSI target %s has a new door status of %s(Library door status values: 1=other, 2=notSupported, 3=closed, 4=open)

Snmp Trap: cpqDaTapeLibraryDoorStatusChange - 3021 in CPQIDA.MIB

Symptom: "Tape Library Door Status Change. This trap signifies that the agent has detected a change in the door status of a HP tape library. The variable cpqDaTapeLibraryDoorStatus indicates the current tape library door status. The variable cpqDaTapeLibraryScsiTarget indicates the SCSI ID of the tape library. User Action: If the tape library door is open, close the tape library door."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaTapeLibraryCntlrIndex

%4 cpqDaTapeLibraryScsiBus

%5 cpqDaTapeLibraryScsiTarget

%6 cpqDaTapeLibraryScsiLun

%7 cpqDaTapeLibraryDoorStatus

Event Identifier: 1182 (Hex)0x8435049e (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Drive Array Tape Drive Status Change

Log Message: The tape drive in slot %s, SCSI bus %s, SCSI target %s has a new status of %s (Tape drive status values: 1=other, 2=ok, 3=degraded, 4=failed, 5=offline, 6=missingWasOk, 7=missingWasOffline)

Snmp Trap: cpqDaTapeDriveStatusChange - 3022 in CPQIDA.MIB

Symptom: "Tape Drive Status Change. This trap signifies that the agent has detected a change in the status of a HP tape drive. The variable cpqDaTapeDrvStatus indicates the current tape status. The variable cpqDaTapeDrvScsiIdIndex indicates the SCSI ID of the tape drive. User Action: If the tape is failed, check the tape and all SCSI connections."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaTapeDrvCntlrIndex

%4 cpqDaTapeDrvBusIndex

%5 cpqDaTapeDrvScsiIdIndex

%6 cpqDaTapeDrvLunIndex

%7 cpqDaTapeDrvStatus

Event Identifier: 1183 (Hex)0x8435049f (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: cpqDaTapeDriveCleaningRequired

Log Message: HP Drive Array Tape Drive Cleaning Required. The tape drive

in slot %s, SCSI bus %s, SCSI target %s requires cleaning.

Snmp Trap: cpqDaTapeDriveCleaningRequired - 3023 in CPQIDA.MIB

Symptom: "Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaTapeDrvCntlrIndex

%4 cpqDaTapeDrvBusIndex

%5 cpqDaTapeDrvScsiIdIndex

%6 cpqDaTapeDrvLunIndex

Event Identifier: 1184 (Hex)0x843504a0 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Drive Array Tape Drive Replace Cleaning Tape

Log Message: The cleaning tape in the tape drive in slot %s, SCSI bus %s, SCSI target %s needs to be replaced

Snmp Trap: cpqDaTapeDriveCleanTapeReplace - 3024 in CPQIDA.MIB

Symptom: "Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqDaTapeDrvCntlrIndex

%4 cpqDaTapeDrvBusIndex

%5 cpqDaTapeDrvScsiIdIndex

%6 cpqDaTapeDrvLunIndex

Event Identifier: 1185 (Hex)0x843504a1 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Fibre Channel Controller Status Change

Log Message: The Fibre Channel Controller in slot %s has a new status of %s

(Host controller status values: 1=other, 2=ok, 3=failed, 4=shutdown, 5=loopDegraded, 6=loopFailed)

Snmp Trap: cpqFca2HostCntlrStatusChange - 16021 in CPQFCA.MIB

Symptom: "Fibre Channel Host Controller Status Change. This trap signifies that the agent has detected a change in the status of a HP Fibre Channel Host Controller. The variable cpqFcaHostCntlrStatus indicates the current controller status. User Action: If the controller status is failed, replace the controller." Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqFcaHostCntlrSlot

%4 cpqFcaHostCntlrStatus

%5 cpqFcaHostCntlrModel

%6 cpqFcaHostCntlrWorldWideName

Event Identifier: 1186 (Hex)0x843504a2 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP IDE ATA Disk Status Change

Log Message: The ATA disk drive with model %s and serial number %s has a new status of %s

(ATA disk status values: 1=other, 2=ok, 3=smartError, 4=failed)

Snmp Trap: cpqIdeAtaDiskStatusChange - 14004 in CPQIDE.MIB

Symptom: "ATA Disk Status Change. This trap signifies that the agent has detected a change in the status of an ATA disk drive. The variable cpqIdeAtaDiskStatus indicates the current disk drive status. User Action: If the physical drive status is smartError(3) or failed(4), replace the drive."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqIdeAtaDiskControllerIndex

%4 cpqIdeAtaDiskIndex

%5 cpqIdeAtaDiskModel

%6 cpqIdeAtaDiskFwRev

%7 cpqIdeAtaDiskSerialNumber

%8 cpqIdeAtaDiskStatus

%9 cpqIdeAtaDiskChannel

%10 cpqIdeAtaDiskNumber

Event Identifier: 1187 (Hex)0x843504a3 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP ATA RAID Logical Drive Status Change

Log Message: ATA RAID logical drive number %s on the "%s" in slot %s has a new status of %s(ATA logical drive disk status values: 1=other, 2=ok, 3=degraded, 4=rebuilding, 5=failed)

Snmp Trap: cpqIdeLogicalDriveStatusChange - 14005 in CPQIDE.MIB

Symptom: "IDE Logical Drive Status Change. This trap signifies that the agent has detected a change in the status of an IDE logical drive. The variable cpqIdeLogicalDriveStatus indicates the current logical drive status. User Action: If the logical drive status is failed(5), examine the array for failed drives that need replacement."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqIdeControllerModel

%4 cpqIdeControllerSlot

%5 cpqIdeLogicalDriveControllerIndex

%6 cpqIdeLogicalDriveIndex

%7 cpqIdeLogicalDriveStatus

Event Identifier: 1188 (Hex)0x843504a4 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Fan Status Change

Log Message: An enclosure attached to port %s of storage system "%s" has a new fan status of %s The enclosure model is "%s"

Snmp Trap: cpqSsExBackplaneFanStatusChange - values: 1=other, 2=notInstalled, 3=ok, 4=degraded,

Symptom: "Storage system fan status change. The agent has detected a change in the fan status of a HP storage system. The variable cpqSsBackplaneFanStatus indicates the current fan status. User Action: If the fan status is degraded or failed, replace any failed fans."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqSsBackplaneIndex

%6 cpqSsBackplaneVendor

%7 cpqSsBackplaneModel

%8 cpqSsBackplaneSerialNumber

%9 cpqSsBackplaneFanStatus

Event Identifier: 1189 (Hex)0x843504a5 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Temperature Status Change

Log Message: An enclosure attached to port %s of storage system "%s" has a new temperature status of %s The enclosure model is "%s"

Snmp Trap: cpqSsExBackplaneTempStatusChange - values: 1=other, 2=noTemp, 3=ok, 4=degraded,

Symptom: "Storage system temperature status change. The agent has detected a change in the status of the temperature in a HP storage system. The variable cpqSsBackplaneTempStatus indicates the current status. User Action: If the temperature status is degraded or failed, shutdown the storage system as soon as possible. Insure that the storage system environment is being cooled properly and that no components are overheated."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqSsBackplaneIndex

%6 cpqSsBackplaneVendor

%7 cpqSsBackplaneModel

%8 cpqSsBackplaneSerialNumber

%9 cpqSsBackplaneTempStatus

Event Identifier: 1190 (Hex)0x843504a6 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Power Supply Status Change

Log Message: An enclosure attached to port %s of storage system "%s" has a new power supply status of %s The enclosure model is "%s"

Snmp Trap: cpqSsExBackplanePowerSupplyStatusChange - status values: 1=other, 2=noFltTolPower, 3=ok,

Symptom: "Storage system power supply status change. The agent has detected a change in the power supply status of a HP storage system. The variable cpqSsBackplaneFtpsStatus indicates the current status. User Action: If the power supply status is degraded, take action to restore power or replace the failed power supply."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqSsBackplaneIndex

%6 cpqSsBackplaneVendor

%7 cpqSsBackplaneModel

%8 cpqSsBackplaneSerialNumber

%9 cpqSsBackplaneFtpsStatus

Event Identifier: 1191 (Hex)0x843504a7 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP SCSI Tape Library Status Change

Log Message:

The tape library with SCSI target %s connected to SCSI bus %s of the controller in slot %s has a new status of %s (Tape library status values: 1=other, 2=ok, 3=degraded, 4=failed, 5=offline)

Snmp Trap: cpqTapeLibraryStatusChange - 5018 in CPQSCSI.MIB

Symptom: "Tape Library Status Change The Storage Agent has detected a change in the status of a HP tape library. The current tape library status is indicated in the cpqTapeLibraryState variable."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapeLibraryCntlrIndex

%4 cpqTapeLibraryBusIndex

%5 cpqTapeLibraryScsiIdIndex

%6 cpqTapeLibraryLunIndex

%7 cpqTapeLibraryName

%8 cpqTapeLibraryFwRev

%9 cpqTapeLibrarySerialNumber

%10 cpqTapeLibraryState

Event Identifier: 1192 (Hex)0x843504a8 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP SCSI Tape Drive Status Change

Log Message:

The tape drive with SCSI target %s connected to SCSI bus %s of the controller in slot %s has a new status of %s(Tape drive status values: 1=other, 2=ok, 3=failed, 5=offline, 6=missingWasOk, 7=missingWasFailed, 8=missingWasOffline)

Snmp Trap: cpqTape5PhyDrvStatusChange - 5019 in CPQSCSI.MIB

Symptom: "Tape Drive Status Change. The Storage Agent has detected a change in the status of a HP tape drive. The current physical drive status is indicated in the cpqTapePhyDrvStatus variable."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqTapePhyDrvCntlrIndex

%4 cpqTapePhyDrvBusIndex

%5 cpqTapePhyDrvScsiIdIndex

%6 cpqTapePhyDrvLunIndex

%7 cpqTapePhyDrvName

%8 cpqTapePhyDrvFwRev

%9 cpqTapePhyDrvSerialNumber

%10 cpqTapePhyDrvStatus

Event Identifier: 1193 (Hex)0x843504a9 (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP External Tape Drive Status Change

Log Message: The tape drive at location "%s", has a new status of %s

(Tape drive status values: 1=other, 2=ok, 3=degraded, 4=failed, 5=offline, 6=missingWasOk, 7=missingWasOffline)

Snmp Trap: cpqExtTapeDriveStatusChange - 16023 in CPQFCA.MIB

Symptom: "External Tape Drive Status Change. This trap signifies that the agent has detected a change in the status of a HP External Tape Drive. The variable cpqFcTapeDriveStatus indicates the current tape status. User Action: If the tape is failed or offline, check the tape and all connections."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqFcTapeDriveCntlrIndex

%4 cpqFcTapeDriveScsiBus

%5 cpqFcTapeDriveScsiTarget

%6 cpqFcTapeDriveScsiLun

%7 cpqFcTapeDriveModel

%8 cpqFcTapeDriveFWRev

%9 cpqFcTapeDriveSerialNumber

%10 cpqFcTapeDriveLocation

%11 cpqFcTapeDriveStatus

Event Identifier: 1194 (Hex)0x843504aa (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: cpqExtTapeDriveCleaningRequired

Log Message: HP External Tape Drive Cleaning Required. The tape drive at

location "%s" requires cleaning.

Snmp Trap: cpqExtTapeDriveCleaningRequired - 16024 in CPQFCA.MIB

Symptom: "External Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqFcTapeDriveCntlrIndex

%4 cpqFcTapeDriveScsiBus

%5 cpqFcTapeDriveScsiTarget

%6 cpqFcTapeDriveScsiLun

%7 cpqFcTapeDriveModel

%8 cpqFcTapeDriveFWRev

%9 cpqFcTapeDriveSerialNumber

%10 cpqFcTapeDriveLocation

Event Identifier: 1195 (Hex)0x843504ab (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: cpqExtTapeDriveCleanTapeReplace

Log Message: HP External Tape Drive Replace Cleaning Tape. The cleaning

tape in the tape drive at location "%s" needs to be replaced.

Snmp Trap: cpqExtTapeDriveCleanTapeReplace - 16025 in CPQFCA.MIB

Symptom: "External Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape."

Supporting SNMP Trap Data %1 sysName

%2 cpqHoTrapFlags

%3 cpqFcTapeDriveCntlrIndex

%4 cpqFcTapeDriveScsiBus

%5 cpqFcTapeDriveScsiTarget

%6 cpqFcTapeDriveScsiLun

%7 cpqFcTapeDriveModel

%8 cpqFcTapeDriveFWRev

%9 cpqFcTapeDriveSerialNumber

%10 cpqFcTapeDriveLocation

Event Identifier: 1196 (Hex)0x843504ac (CPQSTMSG.DLL)

Log Severity: Warning (2)

Event Title: HP Storage System Recovery Server Option Status Change

Log Message: Storage system "%s" has a new RSO status of %s(RSO status values: 1=other, 2=notSupported, 3=notConfigured, 4=disabled, 5=daemonDownDisabled, 6=ok, 7=daemonDownActive, 8=noSecondary, 9=daemonDownNoSecondary, 10=linkDown, 11=daemonDownLinkDown, 12=secondaryRunningAuto, 13=secondaryRunningUser)

Snmp Trap: CpqSsExRecoveryServerStatusChange - 8025 in CPQSTSYS.MIB

Symptom: "Storage system Recovery Server Option status change. The agent has detected a change in the Recovery Server Option status of a HP storage system. The variable cpqSsChassisRsoStatus indicates the current status. User Action: If the RSO status is noSecondary(6) or linkDown(7), insure the secondary server is operational and all cables are connected properly. If the RSO status is secondaryRunningAuto(8) or secondaryRunningUser(9), examine the primary server for failed components."

Supporting SNMP Trap Data

%1 sysName

%2 cpqHoTrapFlags

%3 cpqSsChassisName

%4 cpqSsChassisTime

%5 cpqSsChassisRsoStatus

%6 cpqSsChassisIndex

Event Identifier: CPQSTMSG.DLL - 1280 (Hex)0x84350500

Log Severity: Warning (2)

Log Message: Component: HP SCSI Storage Agent

Error: Unable to allocate memory.

Cause: This indicates a low memory condition. Rebooting the system will correct this error.

Event Identifier: CPQSTMSG.DLL - 1281 (Hex)0x84350501

Log Severity: Warning (2)

Log Message: Component: HP SCSI Storage Agent

Error: Could not read from the registry subkey.

Cause: This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 1282 (Hex)0x84350502

Log Severity: Warning (2)

Log Message: Component: HP SCSI Storage Agent

Error: Could not write the registry subkey: "%1".

Cause: This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 1283 (Hex)0x84350503

Log Severity: Warning (2)

Log Message: Component: HP SCSI Storage Agent

Error: Could not read the registry subkey: "%1".

Cause: This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 1284 (Hex)0x84350504

Log Severity: Warning (2)

Log Message: Component: HP SCSI Storage Agent

Error: Could not write the registry subkey: "%1".

Cause: This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 1285 (Hex)0x84350505

Log Severity: Warning (2)

Log Message: Component: HP SCSI Storage Agent

Error: Could not write the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 1294 (Hex)0x8435050e

Log Severity: Warning (2)

Log Message: Component: HP SCSI Storage Agent

Error: Unsupported storage system.

Cause: The Proliant storage system %1 is unsupported by this version of the HP Storage Agents. Upgrade the agents to the latest version.

Event Identifier: CPQSTMSG.DLL - 1343 (Hex)0x8435053f

Log Severity: Warning (2)

Log Message: Component: HP SCSI Storage Agent. Error: Duplicate SCSI port found

in slot %1. Cause: The current system ROM may not support this SCSI controller. You may need to update your system ROM.

Event Identifier: CPQSTMSG.DLL - 1344 (Hex)0x84350540

Log Severity: Warning (2)

Log Message: Component: HP SCSI Storage Agent. Error: A version mismatch has been

detected with the SCSI device monitor driver (CPQSDM.SYS). The current driver version is %1. Cause: You may not have rebooted after a HP Storage Agents upgrade. Always reboot the system after installing the agents.

Event Identifier: CPQSTMSG.DLL - 1792 (Hex)0x84350700

Log Severity: Warning (2)

Log Message: Component: HP Storage SNMP Agent

Error: The SNMP Agent is unable to generate traps due to an error during initialization.

Cause: Check to ensure that the SNMP service is running. Reinstalling the agents may fix this error.

Event Identifier: CPQSTMSG.DLL - 1793 (Hex)0x84350701

Log Severity: Warning (2)

Log Message: The HP Storage SNMP Agent's trap thread has encountered an error while waiting for event notification from event log.

Event Identifier: CPQSTMSG.DLL - 1344(Hex)0x84350703

Log Severity: Warning (2)

Log Message: Component: HP Storage SNMP Agent

Error: The SNMP Agent is older than other components.

Cause: The SNMP Agent is older than the other components of the HP Storage Agents. Reinstall the entire HP Storage Agents package to correct this error.

Event Identifier: CPQSTMSG.DLL - 1796 (Hex)0x84350704

Log Severity: Warning (2)

Log Message: Component: HP Storage SNMP Agent

Error: The %1 Agent is older than other components.

Cause: The %1 Agent is older than the other components of the HP Storage Agents. Reinstall the entire HP Storage Management Agents package to correct this error.

Event Identifier: CPQSTMSG.DLL - 1797 (Hex)0x84350705

Log Severity: Warning (2)

Log Message: The HP Storage SNMP Agent has failed to refresh data associated with key %1. Check to make sure management service is up and running. This may cause data received from HP SNMP agent to be old or invalid.

Event Identifier: CPQSTMSG.DLL - 1798 (Hex)0xc4350706

Log Severity: Error (3)

Log Message: The HP Storage SNMP Agent was unable to process a

SNMP request because the HP Storage Agents Service is not up and running.

Event Identifier: CPQSTMSG.DLL - 1799 (Hex)0x44350707

Log Severity: Information (1)

Log Message: The HP Storage SNMP Agent has continued refreshing data for the key associated with %1.

Event Identifier: CPQSTMSG.DLL - 1800 (Hex)0x84350708

Log Severity: Warning (2)

Log Message: Component: HP Storage SNMP Agent

Error: Unable to read security configuration information. SNMP

sets have been disabled.

Cause: This can be cause by an invalid or missing configuration

or by a corrupt registry. Reinstalling the HP Storage

Agents may correct this problem.

Event Identifier: CPQSTMSG.DLL - 1801 (Hex)0x44350709

Log Severity: Information (1)

Log Message: Component: HP Storage SNMP Agent

Note: The SNMP Agent will allow SNMP sets.

Event Identifier: CPQSTMSG.DLL - 1802 (Hex)0x4435070a

Log Severity: Information (1)

Log Message: Component: HP Storage SNMP Agent

Note: The SNMP Agent will not allow SNMP sets.

Event Identifier: CPQSTMSG.DLL - 1803 (Hex)0xc435070b

Log Severity: Error (3)

Log Message: Component: %4

Error: Unable to load a required library.

Cause: a corrupt or missing file can cause this error.

Reinstalling the HP Storage Agents or running the Emergency

Repair procedure may correct this error.

Event Identifier: CPQSTMSG.DLL - 1804 (Hex)0x8435070c

Log Severity: Warning (2)

Log Message: The HP Storage SNMP Agent was unable to forward an SNMP trap to the HP Remote Insight Board trap due to processing error.

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 1805 (Hex)0x8435070d

Log Severity: Warning (2)

Log Message: The HP Storage SNMP Agent was unable to get last modification time for key %1.

Event Identifier: CPQSTMSG.DLL - 1806 (Hex)0x8435070e Log Severity: Warning (2)

Log Message: Component: HP Storage SNMP AgentError: The HP Storage Agent service is not running.

Cause: The SNMP Agent has determined that the HP Storage Agent service is not running. Stop the SNMP service and restart the HP Storage Agents service. If the error persists, reinstalling the HP Storage Agents may correct this error.

Event Identifier: CPQSTMSG.DLL - 1807 (Hex)0x4435070f

Log Severity: Information (1)

Log Message: The HP Storage SNMP Agent has determined the HP Storage Agents service is running.

Event Identifier: CPQSTMSG.DLL - 1808 (Hex)0x44350710

Log Severity: Information (1)

Log Message: Component: HP Storage SNMP Agent - Asynchronous Management

Error: The agent could not deliver trap %1.

Cause: The agent was unable to use Asynchronous Management to deliver

a trap. This can be caused by a failure in the Remote Access Service or by a missing or invalid configuration. Use the HP Management Agent control panel to verify the Asynchronous Management configuration settings. Use the Network control panel to verify the Remote Access configuration. If this error persists, reinstalling the HP Storage Agents or the Remote Access Service may correct this error. For more information, refer to the Insight Asynchronous Management documentation.

Event Identifier: CPQSTMSG.DLL - 3584 (Hex)0x84350e00

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not allocate memory.

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3585 (Hex)0x84350e01

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not open the base of the registry.

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3586 (Hex)0x84350e02

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not create the registry subkey:

"%1".The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3587 (Hex)0x84350e03

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not open the registry subkey:

"%1".The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3588 (Hex)0x84350e04

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not read the registry value "%1".The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3589 (Hex)0x84350e05

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent found an incorrect type for registry value "%1".The data contains the type found.

Event Identifier: CPQSTMSG.DLL - 3590 (Hex)0x84350e06

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not create an event. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3591 (Hex)0x84350e07

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not open an event. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3592 (Hex)0x84350e08

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not set an event. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3593 (Hex)0x84350e09

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not create a mutex.

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3594 (Hex)0x84350e0a

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not open a mutex. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3595 (Hex)0x84350e0b

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent could not create its main thread of execution. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3596 (Hex)0x84350e0c

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent main thread did not terminate properly. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3597 (Hex)0x84350e0d

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent got an unexpected error code while waiting for an event. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3598 (Hex)0x84350e0e

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent got an unexpected error code while waiting for multiple events. The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3599 (Hex)0x84350e0f

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent did not respond to a request.

The data contains the error code.

Event Identifier: CPQSTMSG.DLL - 3600 (Hex)0x84350e10

Log Severity: Warning (2)

Log Message: The HP IDE Storage Agent received an unknown action code from

the service. The data contains the action code.

Event Identifier: CPQSTMSG.DLL - 4097 (Hex)0x84351001

Log Severity: Warning (2)

Log Message: Component: HP Fibre Channel Storage Agent

Error: Could not read from the registry subkey.

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 4098 (Hex)0x84351002

Log Severity: Warning (2)

Log Message: Component: HP Fibre Channel Storage Agent

Error: Could not write the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 4099 (Hex)0x84351003

Log Severity: Warning (2)

Log Message: Component: HP Fibre Channel Storage Agent

Error: Could not read the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 4100 (Hex)0x84351004

Log Severity: Warning (2)

Log Message: Component: HP Fibre Channel Storage Agent

Error: Could not read the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Event Identifier: CPQSTMSG.DLL - 4101 (Hex)0x84351005

Log Severity: Warning (2)

Log Message: Component: HP Fibre Channel Storage Agent

Error: Could not read the registry subkey: "%1".

Cause: a corrupt registry or a low memory condition can cause this error. Rebooting the server may correct this error.

Platform Events

Windows Event Id: 5001 (Hex)0x80021389 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Invalid OS INIT checksum

Snmp Trap: hpevtBadOsInitChecksum - 5001 in HPIFPTRAP.MIB

Symptom: OS has registered a bad OS_INIT vector or the data has been lost.

User Action: Reboot system to allow vector to be re-registered.

Windows Event Id: 5002 (Hex)0x8002138A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Bad OS MCA checksum

Snmp Trap: hpevtBadOsMcaChecksum - 5002 in HPIFPTRAP.MIB

Symptom: OS has registered a bad OS_MCA vector or the data has been lost.

User Action: Reboot system to allow vector to be re-registered.

Windows Event Id: 5003 (Hex)0x8002138B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: BMC interface to IPMI failed

Snmp Trap: hpevtBootBmcFailed - 5003 in HPIFPTRAP.MIB

Symptom: BMC firmware has locked up or the BMC is disabled.

User Action: Cycle system power and attempt boot again. If error re-occurs contact your HP representative for support.

Windows Event Id: 5005 (Hex)0x4002138D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: BMC port failure

Snmp Trap: None

Symptom: BMC port is bad or traffic on that port is too high.

User Action: None, retry will occur on that port or on other ports.

Windows Event Id: 5010 (Hex)0xC0021392 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Boot cell launch EFI failure

Snmp Trap: hpevtBootCellLaunchEfiFailure - 5010 in HPIFPTRAP.MIB

Symptom: The system has failed to launch EFI because of an internal error.

Windows Event Id: 5011 (Hex)0x80021393 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Monarch selection failure

Snmp Trap: hpevtBootCellMonSelFailure - 5011 in HPIFPTRAP.MIB

Symptom: An internal error has caused monarch selection to fail.

User Action: Reboot system, swap processors if failure persists.

Windows Event Id: 5013 (Hex)0x80021395 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU monarch collision

Snmp Trap: hpevtBootCellMonarchCollision - 5013 in HPIFPTRAP.MIB

Symptom: Unexpected error has occurred during monarch selection.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5023 (Hex)0xC002139F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Boot cell virtualize EFI failure

Snmp Trap: hpevtBootCellVirtualizeEfiFailure - 5023 in HPIFPTRAP.MIB

Symptom: An internal error has occurred that prevented EFI from virtualizing.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5025 (Hex)0xC00213A1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Boot cell virtualize PAL failure

Snmp Trap: hpevtBootCellVirtualizePalFailure - 5025 in HPIFPTRAP.MIB

Symptom: SFW was unable to virtualize PAL.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5027 (Hex)0xC00213A3 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Boot cell virtualize SAL failure

Snmp Trap: hpevtBootCellVirtualizeSalFailure - 5027 in HPIFPTRAP.MIB

Symptom: SFW was unable to virtualize SAL.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5028 (Hex)0xC00213A4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Boot cell virtualize SALPROC failure

Snmp Trap: hpevtBootCellVirtualizeSalprocFailure - 5028 in HPIFPTRAP.MIB

Symptom: SFW was unable to virtualize SALPROC.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5030 (Hex)0x800213A6 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU struct init failed

Snmp Trap: hpevtBootCpuConfigFail - 5030 in HPIFPTRAP.MIB

Symptom: A CPU has failed the configuration process.

User Action: Replace CPU. If problem persists contact your HP representative for support.

Windows Event Id: 5031 (Hex)0x800213A7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU failed early config

Snmp Trap: hpevtBootCpuEarlyConfigFail - 5031 in HPIFPTRAP.MIB

Symptom: A CPU has failed the early configuration process.

User Action: Replace CPU. If problem persists contact your HP representative for support.

Windows Event Id: 5033 (Hex)0x800213A9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU failed early self-test

Snmp Trap: hpevtBootCpuEarlyTestFail - 5033 in HPIFPTRAP.MIB

Symptom: A CPU has failed early self-test.

User Action: Replace CPU. If problem persists contact your HP representative for support.

Windows Event Id: 5034 (Hex)0x800213AA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU failed

Snmp Trap: hpevtBootCpuFailed - 5034 in HPIFPTRAP.MIB

Symptom: A CPU has failed.

User Action: Replace CPU. If problem persists contact your HP representative for support.

Windows Event Id: 5036 (Hex)0x800213AC (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU failed late self test

Snmp Trap: hpevtBootCpuLateTestFail - 5036 in HPIFPTRAP.MIB

Cause 1: A Correctable Single Bit Memory error has caused CPU late self test to fail. It is possible the CPU is not faulty in this case.

Action 1: Look for the event "MEM_CORR_ERR" from the last time the system was running. If you find these events, replace that DIMM(s) before replacing the CPU's. Replace DIMMs with excessive "MEM_CORR_ERR" first. If after replacing all suspect DIMMs this event is still seen, replace the CPU.

Symptom: A CPU has failed.

User Action: Replace CPU. If problem persists contact your HP representative for support.

Windows Event Id: 5037 (Hex)0x800213AD (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU not enough late test memory

Snmp Trap: hpevtBootCpuLateTestInsufficientMem - 5037 in HPIFPTRAP.MIB

Symptom: Insufficient memory

User Action: Increase memory and reboot.

Windows Event Id: 5039 (Hex)0x400213AF (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CPU deconfigured

Snmp Trap: None

Symptom: A CPU has failed.

User Action: Replace CPU.

Windows Event Id: 5040 (Hex)0xC00213B0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Could not allocate memory for EFI image

Snmp Trap: hpevtBootEfiAllocateError - 5040 in HPIFPTRAP.MIB

Symptom: SFW could not allocate enough memory for EFI image.

User Action: Replace/Add memory.

Windows Event Id: 5041 (Hex)0xC00213B1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI image corrupted

Snmp Trap: hpevtBootEfiImageCorrupt - 5041 in HPIFPTRAP.MIB

Symptom: EFI image is corrupted.

User Action: Reflash ROM if applicable, if problem persists contact your HP representative for support.

Windows Event Id: 5042 (Hex)0xC00213B2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI not in fit table

Snmp Trap: hpevtBootEfiNotInFit - 5042 in HPIFPTRAP.MIB

Symptom: EFI image is not in FIT.

User Action: Reflash ROM if applicable, if problem persists contact your HP representative for support.

Windows Event Id: 5045 (Hex)0xC00213B5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: NVRAM test fail

Snmp Trap: hpevtBootEfiNvmFail - 5045 in HPIFPTRAP.MIB

Symptom: NVM is corrupted or bad.

User Action: Clear NVM, if problem persists contact your HP representative for support.

Windows Event Id: 5048 (Hex)0xC00213B8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI Rom size bad

Snmp Trap: hpevtBootEfiRomBadSize - 5048 in HPIFPTRAP.MIB

Symptom: EFI image is corrupt.

User Action: Reflash ROM if applicable, if problem persists contact your HP representative for support.

Windows Event Id: 5049 (Hex)0xC00213B9 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI Rom checksum error

Snmp Trap: hpevtBootEfiRomXsumError - 5049 in HPIFPTRAP.MIB

Symptom: EFI image is corrupt.

User Action: Reflash ROM if applicable, if problem persists contact your HP representative for support.

Windows Event Id: 5050 (Hex)0xC00213BA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: External interruption nest limit exceeded

Snmp Trap: hpevtBootExtIntNestLimitedExceeded - 5050 in HPIFPTRAP.MIB

Symptom: Internal FW error.

Windows Event Id: 5051 (Hex)0xC00213BB (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: External interrupt not serviced

Snmp Trap: hpevtBootExtIntNotServiced - 5051 in HPIFPTRAP.MIB

Symptom: Internal FW error.

Windows Event Id: 5052 (Hex)0xC00213BC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Ext int taken

Snmp Trap: hpevtBootExtIntTaken - 5052 in HPIFPTRAP.MIB

Symptom: An external interrupt has been taken

User Action: None

Windows Event Id: 5053 (Hex)0x800213BD (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Forward Progress Log (FPL) access failed

Snmp Trap: hpevtBootFplFailed - 5053 in HPIFPTRAP.MIB

Symptom: FPL access has failed.

Windows Event Id: 5054 (Hex)0xC00213BE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PSR fetch failure

Snmp Trap: hpevtBootGetPsrFailure - 5054 in HPIFPTRAP.MIB

Symptom: SFW was unable to read the CPU PSR.

User Action: Replace CPU.

Windows Event Id: 5055 (Hex)0xC00213BF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cell halt

Snmp Trap: hpevtBootHaltCell - 5055 in HPIFPTRAP.MIB

Symptom: Internal Error

User Action: contact your HP representative for support.

Windows Event Id: 5056 (Hex)0x800213C0 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU PAL incompatible with cpu

Snmp Trap: hpevtBootIncompatiblePal - 5056 in HPIFPTRAP.MIB

Symptom: Incompatible PAL.

User Action: Update PAL or change processors

Windows Event Id: 5057 (Hex)0x800213C1 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Slave is incompatible with monarch

Snmp Trap: hpevtBootIncompatibleSlave - 5057 in HPIFPTRAP.MIB

Symptom: Incompatible processors.

User Action: Replace processors.

Windows Event Id: 5058 (Hex)0x800213C2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Interrupt clear failure

Snmp Trap: hpevtBootIntrptClearFailure - 5058 in HPIFPTRAP.MIB

Symptom: Interrupt clear failed.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5059 (Hex)0x800213C3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: System Event Log (SEL) access failed

Snmp Trap: hpevtBootIpmiEventFailed - 5059 in HPIFPTRAP.MIB

Symptom: An IPMI event has failed.

User Action: None

Windows Event Id: 5060 (Hex)0xC00213C4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Trap taken

Snmp Trap: hpevtBootIvtOffset - 5060 in HPIFPTRAP.MIB

Symptom: This will follow other events indicating some type of IVT error.

User Action: This event is for debugging the address, other events will determine the user action.

Windows Event Id: 5063 (Hex)0x800213C7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: LDB State bad on entry

Snmp Trap: hpevtBootLdbStateBad - 5063 in HPIFPTRAP.MIB

Symptom:

User Action: None required.

Windows Event Id: 5064 (Hex)0xC00213C8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Interrupt with ic bit clear

Snmp Trap: hpevtBootLostContextInt - 5064 in HPIFPTRAP.MIB

Symptom: Interrupt context was lost.

User Action: none

Windows Event Id: 5065 (Hex)0xC00213C9 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Min-state registration failure

Snmp Trap: hpevtBootMinStateRegError - 5065 in HPIFPTRAP.MIB

Symptom: Registering of the processor min state save area with PAL has failed.

User Action: Replace processor, if problem persists contact your HP representative for support.

Windows Event Id: 5066 (Hex)0x800213CA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU mismatched boot type

Snmp Trap: hpevtBootMismatchedBootType - 5066 in HPIFPTRAP.MIB

Symptom: An internal error has occurred.

User Action: None

Windows Event Id: 5067 (Hex)0x800213CB (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Boot monarch timed out

Snmp Trap: hpevtBootMonarchTimeout - 5067 in HPIFPTRAP.MIB

Symptom: The monarch has timed out.

User Action: None, Replace CPU if problem persists, system will reboot after this event.

Windows Event Id: 5069 (Hex)0xC00213CD (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PAL_B not in FIT table

Snmp Trap: hpevtBootNoPalBInFit - 5069 in HPIFPTRAP.MIB

Symptom: Internal Error or ROM is corrupted.

User Action: Reflash ROM if applicable, if problem persists contact your HP representative for support.

Windows Event Id: 5070 (Hex)0xC00213CE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: SAL_B not in FIT table

Snmp Trap: hpevtBootNoSalBInFit - 5070 in HPIFPTRAP.MIB

Symptom: Internal Error or ROM is corrupted.

User Action: Reflash ROM if applicable, if problem persists contact your HP representative for support.

Windows Event Id: 5073 (Hex)0xC00213D1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: NVRAM test fail

Snmp Trap: hpevtBootNvmFail - 5073 in HPIFPTRAP.MIB

Symptom: NVM is corrupt or bad.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5076 (Hex)0xC00213D4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Interrupt vector out of range

Snmp Trap: hpevtBootOutOfRangeVector - 5076 in HPIFPTRAP.MIB

Symptom: An internal error has occurred.

Windows Event Id: 5077 (Hex)0xC00213D5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Pal proc error getting pal copy info

Snmp Trap: hpevtBootPalCopyInfoError - 5077 in HPIFPTRAP.MIB

Symptom: An internal error has occurred.

Windows Event Id: 5078 (Hex)0xC00213D6 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Pal proc error copying pal to memory

Snmp Trap: hpevtBootPalCopyPalError - 5078 in HPIFPTRAP.MIB

Symptom: There has been an error copying PAL to memory.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5079 (Hex)0x800213D7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Boot pal proc failure

Snmp Trap: hpevtBootPalProcFailure - 5079 in HPIFPTRAP.MIB

Symptom: Internal PAL Error.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5080 (Hex)0x800213D8 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Console device failure

Snmp Trap: hpevtBootPlatConsoleDevFailed - 5080 in HPIFPTRAP.MIB

Symptom: A console device has failed.

User Action: Reset console device/system.

Windows Event Id: 5081 (Hex)0x800213D9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Platform interface device failure

Snmp Trap: hpevtBootPlatIntfcDevFailed - 5081 in HPIFPTRAP.MIB

Symptom: A console device has failed.

User Action: Reset console device/system.

Windows Event Id: 5082 (Hex)0x800213DA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: platform scratch RAM test failed

Snmp Trap: hpevtBootPlatScrBad - 5082 in HPIFPTRAP.MIB

Symptom: Bad or corrupt Scratch RAM.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5083 (Hex)0x800213DB (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU rendezvous failure

Snmp Trap: hpevtBootRendezFailure - 5083 in HPIFPTRAP.MIB

Symptom: Bad or slow CPU.

User Action: Replace CPU.

Windows Event Id: 5084 (Hex)0xC00213DC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error extracting sal_b from rom

Snmp Trap: hpevtBootSalExtractError - 5084 in HPIFPTRAP.MIB

Symptom: ROM Corrupt or unreadable.

User Action: Reflash ROM if applicable, if problem persists contact your HP representative for support.

Windows Event Id: 5085 (Hex)0xC00213DD (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Scratch RAM bad

Snmp Trap: hpevtBootScrFail - 5085 in HPIFPTRAP.MIB

Symptom: Bad or corrupt Scratch RAM.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5087 (Hex)0x800213DF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: IPMI System Event Log (SEL) is full

Snmp Trap: hpevtBootSelFull - 5087 in HPIFPTRAP.MIB

Symptom: IPMI SEL full.

User Action: Clear SEL through BMC or MP.

Windows Event Id: 5091 (Hex)0x800213E3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Slave wakeup before vector registered

Snmp Trap: hpevtBootSlaveNoFinalWakeupVector - 5091 in HPIFPTRAP.MIB

Symptom: No wakeup vector registered for processor.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5092 (Hex)0x800213E4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU failed rendezvous handler

Snmp Trap: hpevtBootSlaveRendezHandlerFail - 5092 in HPIFPTRAP.MIB

Symptom: Internal Error.

User Action: Reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5098 (Hex)0xC00213EA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error building SMBIOS Tables

Snmp Trap: hpevtBootSmbiosBuildError - 5098 in HPIFPTRAP.MIB

Symptom: SFW failed to build the SMBIOS tables.

User Action: None, if SMBIOS is preventing functionality, reboot. If problem persists contact your HP representative for support.

Windows Event Id: 5099 (Hex)0x400213EB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CPU starting boot

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5100 (Hex)0xC00213EC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Trap nest limit exceeded

Snmp Trap: hpevtBootTrapNestLimitedExceeded - 5100 in HPIFPTRAP.MIB

Symptom: The trap nesting limit has been exceeded.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5101 (Hex)0xC00213ED (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Trap not serviced

Snmp Trap: hpevtBootTrapNotServiced - 5101 in HPIFPTRAP.MIB

Symptom: A invalid trap has been requested or a trap has not been installed.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5102 (Hex)0xC00213EE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Trap taken

Snmp Trap: hpevtBootTrapTaken - 5102 in HPIFPTRAP.MIB

Symptom: A trap has been taken

User Action: None

Windows Event Id: 5103 (Hex)0x800213EF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Uncleared interrupt

Snmp Trap: hpevtBootUnclearedInt - 5103 in HPIFPTRAP.MIB

Symptom: At least one interrupt was not cleared.

User Action: None.

Windows Event Id: 5104 (Hex)0xC00213F0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unexpected external interrupt

Snmp Trap: hpevtBootUnexpectedExtIntPostRedirTable - 5104 in HPIFPTRAP.MIB

Symptom: An unexpected external interrupt has occurred.

User Action: None.

Windows Event Id: 5105 (Hex)0xC00213F1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Interrupt before redirection table set up

Snmp Trap: hpevtBootUnexpectedIntPreRedirTable - 5105 in HPIFPTRAP.MIB

Symptom: An interrupt has occurred before setting up the IVT.

User Action: None.

Windows Event Id: 5106 (Hex)0xC00213F2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: CPU unexpected MCA

Snmp Trap: hpevtBootUnexpectedMca - 5106 in HPIFPTRAP.MIB

Symptom: Unexpected MCA

User Action: None

Windows Event Id: 5107 (Hex)0xC00213F3 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unexpected trap

Snmp Trap: hpevtBootUnexpectedTrapPostRedirTable - 5107 in HPIFPTRAP.MIB

Symptom: An unexpected trap has occurred. During System Firmware boot time this indicates the system has requested a trap that firmware has not registered. During OS run time it indicates the system has requested a trap that is not recognized in the OS's trap table.

User Action: If at OS run time, verify that the OS has properly installed its trap handler, and that only valid traps are caused. Investigate what could cause the trap that is signaled by the event or why the OS has not properly installed the trap handler.

Windows Event Id: 5108 (Hex)0xC00213F4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: CPU unknown boot error

Snmp Trap: hpevtBootUnknownFailure - 5108 in HPIFPTRAP.MIB

Symptom: unknown error.

User Action: None, if problem persists contact your HP representative for support.

Windows Event Id: 5114 (Hex)0x400213FA (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Branch to OS INIT

Snmp Trap: None

Symptom: Not Used

Windows Event Id: 5115 (Hex)0x400213FB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Branching to OS MCA handler

Snmp Trap: None

Symptom: Not Used

Windows Event Id: 5116 (Hex)0x400213FC (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Failed branch to OS MCA

Snmp Trap: None

Symptom: Not Used

Windows Event Id: 5118 (Hex)0x800213FE (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CC errors PAL failure

Snmp Trap: hpevtErrorsPalFailure - 5118 in HPIFPTRAP.MIB

Symptom: SFW has detected a PAL Failure.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5119 (Hex)0x800213FF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Expected MC vector unregistered

Snmp Trap: hpevtExpMcNotRegistered - 5119 in HPIFPTRAP.MIB

Symptom: Expected Machine Check Vector not registered at the time of an Expected Machine Check

Windows Event Id: 5120 (Hex)0x40021400 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Expected Machine Check

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5121 (Hex)0xC0021401 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: INIT initiated

Snmp Trap: hpevtInitInitiated - 5121 in HPIFPTRAP.MIB

Symptom: Software has requested an INIT or the INIT button has been pressed.

User Action: None

Windows Event Id: 5123 (Hex)0x80021403 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Expected I/O host bridge is missing

Snmp Trap: hpevtIoCheckLbaMissingErr - 5123 in HPIFPTRAP.MIB

Symptom: I/O host bridge failure. An incorrect I/O backplane is installed.

User Action: Contact your HP representative to check the I/O host bridge and the I/O backplane.

Windows Event Id: 5124 (Hex)0x80021404 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: LBA has unexpected number of I/O slots

Snmp Trap: hpevtIoCheckNumSlotsErr - 5124 in HPIFPTRAP.MIB

Symptom: The firmware needs to be updated. An incorrect I/O backplane is installed.

User Action: Contact your HP representative to check the firmware and the I/O backplane.

Windows Event Id: 5125 (Hex)0x80021405 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: I/O rope width does not match expected value

Snmp Trap: hpevtIoCheckRopeWidthErr - 5125 in HPIFPTRAP.MIB

Symptom: The firmware needs to be updated. An incorrect I/O backplane is installed.

User Action: Contact your HP representative to check the firmware and the I/O backplane.

Windows Event Id: 5127 (Hex)0x80021407 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Found unexpected I/O host bridge

Snmp Trap: hpevtIoCheckXtraLbaFoundErr - 5127 in HPIFPTRAP.MIB

Symptom: The firmware needs to be updated. An incorrect I/O backplane is installed.

User Action: Contact your HP representative to check the firmware and the I/O backplane.

Windows Event Id: 5130 (Hex)0x8002140A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI clock DLL error

Snmp Trap: hpevtIoDllError - 5130 in HPIFPTRAP.MIB

Symptom: Failed or improperly inserted I/O card.

User Action: Remove or reseat the I/O card.

Symptom: Failed I/O chipset. Failed I/O backplane.

User Action: Contact your HP representative to check the I/O chipset and backplane.

Windows Event Id: 5131 (Hex)0x8002140B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI hot plug controller failed

Snmp Trap: hpevtIoHotPlugCtrlFailed - 5131 in HPIFPTRAP.MIB

Symptom: Hot-plug controller failure. I/O host bridge failure.

User Action: Contact your HP representative to check the hot-plug controller and the I/O host bridge.

Windows Event Id: 5132 (Hex)0x8002140C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Found unknown I/O rope width

Snmp Trap: hpevtIoInvalidRopeBundle - 5132 in HPIFPTRAP.MIB

Symptom: Internal firmware error.

User Action: Contact your HP representative to check the firmware.

Windows Event Id: 5133 (Hex)0x8002140D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: I/O LBA clear error failed

Snmp Trap: hpevtIoLbaClearErrFailed - 5133 in HPIFPTRAP.MIB

Symptom: A failed or improperly seated I/O card is present.

User Action: Replace or reseat the I/O card(s).

Symptom: I/O host bridge failure.

User Action: Contact your HP representative to check the I/O host bridge.

Windows Event Id: 5136 (Hex)0x80021410 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: I/O host bridge inaccessible because rope reset failed to complete

Snmp Trap: hpevtIoLbaResetError - 5136 in HPIFPTRAP.MIB

Symptom: I/O chipset failure.

User Action: Contact your HP representative to check the I/O chipset.

Windows Event Id: 5137 (Hex)0x80021411 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Insufficient power to turn on PCI slot

Snmp Trap: hpevtIoNotEnoughPowerError - 5137 in HPIFPTRAP.MIB

Symptom: The power budget is exceeded.

User Action: Install an additional power supply on the system.

Windows Event Id: 5138 (Hex)0x80021412 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI bus walk unknown error

Snmp Trap: hpevtIoPciMappingFailed - 5138 in HPIFPTRAP.MIB

Symptom: Internal firmware error.

User Action: Contact your HP representative to check the firmware.

Windows Event Id: 5139 (Hex)0x80021413 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI bus walk resources exceeded

Snmp Trap: hpevtIoPciMappingTooBig - 5139 in HPIFPTRAP.MIB

Symptom: Unsupported I/O configuration.

User Action: Remove any unsupported I/O cards. Move the I/O card to another slot.

Windows Event Id: 5140 (Hex)0x80021414 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI bus unmap unknown error

Snmp Trap: hpevtIoPciUnmappingFailed - 5140 in HPIFPTRAP.MIB

Symptom: Internal firmware error.

User Action: Contact your HP representative to check the firmware.

Windows Event Id: 5141 (Hex)0x80021415 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCIXCAP sampling error

Snmp Trap: hpevtIoPcixcapSampleError - 5141 in HPIFPTRAP.MIB

Symptom: I/O host bridge failure.

User Action: Contact your HP representative to check the I/O host bridge.

Windows Event Id: 5142 (Hex)0x80021416 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Power monitor failed to respond

Snmp Trap: hpevtIoPmNotRespondingError - 5142 in HPIFPTRAP.MIB

Symptom: BMC failure.

User Action: Contact your HP representative to check the BMC.

Windows Event Id: 5143 (Hex)0x80021417 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: I/O rope reset failed to complete

Snmp Trap: hpevtIoRopeResetError - 5143 in HPIFPTRAP.MIB

Symptom: I/O chipset failure.

User Action: Contact your HP representative to check the I/O controller.

Windows Event Id: 5144 (Hex)0x80021418 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: I/O SBA clear error failed

Snmp Trap: hpevtIoSbaClearErrFailed - 5144 in HPIFPTRAP.MIB

Symptom: I/O chipset failure.

User Action: Contact your HP representative to check the I/O chipset.

Windows Event Id: 5145 (Hex)0x80021419 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI slot has incorrect default power state

Snmp Trap: hpevtIoSlotPowerDefaultError - 5145 in HPIFPTRAP.MIB

Symptom: A non-compliant PCI[X] card is inserted in the slot. Such cards leak power to the PCI[X] bus, which violates the PCI Bus Specification.

User Action: Replace the card with a compliant card.

Symptom: The hot-plug controller has failed.

User Action: Contact your HP representative to check the hot-plug slot.

Windows Event Id: 5146 (Hex)0x8002141A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI slot power on error

Snmp Trap: hpevtIoSlotPowerOnError - 5146 in HPIFPTRAP.MIB

Symptom: The I/O card is damaged or improperly inserted.

User Action: Replace or reseat the I/O card.

Symptom: The hot-plug controller has failed.

User Action: Contact your HP representative to check the hot-plug slot.

Windows Event Id: 5147 (Hex)0x8002141B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI slot's standby power failed

Snmp Trap: hpevtIoSlotStandbyPowerError - 5147 in HPIFPTRAP.MIB

Symptom: I/O slot failure.

User Action: Contact your HP representative to check the I/O slot.

Windows Event Id: 5148 (Hex)0x8002141C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Found invalid PCIXCAP value

Snmp Trap: hpevtIoUnknownPcixcapVal - 5148 in HPIFPTRAP.MIB

Symptom: The I/O card is damaged or improperly inserted.

User Action: Replace or reseat the I/O card.

Symptom: I/O host bridge failure. Hot-plug controller failure.

User Action: Contact your HP representative to check the I/O host bridge or the hot-plug controller.

Windows Event Id: 5149 (Hex)0x8002141D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unsupported rope frequency

Snmp Trap: hpevtIoUnsupRopeFreq - 5149 in HPIFPTRAP.MIB

Symptom: Internal firmware error.

User Action: Contact your HP representative to check the firmware.

Windows Event Id: 5150 (Hex)0x8002141E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unsupported host bridge type

Snmp Trap: hpevtIoUnsupportedLba - 5150 in HPIFPTRAP.MIB

Symptom: Firmware needs to be updated. An incorrect I/O backplane is installed.

User Action: Contact your HP representative to check the firmware and the I/O backplane.

Windows Event Id: 5151 (Hex)0xC002141F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: MC during INIT

Snmp Trap: hpevtMcDuringInit - 5151 in HPIFPTRAP.MIB

Symptom: Not Used

Windows Event Id: 5152 (Hex)0xC0021420 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Machine Check initiated

Snmp Trap: hpevtMcInitiated - 5152 in HPIFPTRAP.MIB

Symptom: A Machine Check has occurred.

User Action: Analyze cause of Machine Check using diag's and EFI tools.

Windows Event Id: 5153 (Hex)0x40021421 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC overwrite

Snmp Trap: None

Symptom: Not Used

Windows Event Id: 5154 (Hex)0x40021422 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC handler was invoked to rendezvous

Snmp Trap: None

Symptom: Rendezvous during Machine Check process

User Action: None

Windows Event Id: 5155 (Hex)0xC0021423 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error in temporary mdt area

Snmp Trap: hpevtMdtConstructAreaBad - 5155 in HPIFPTRAP.MIB

Symptom: MDT table bad.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5156 (Hex)0xC0021424 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to find lmmio entry in mdt

Snmp Trap: hpevtMdtLmmioEntryNotFound - 5156 in HPIFPTRAP.MIB

Symptom: MDT table bad.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5157 (Hex)0xC0021425 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Memory page zero bad

Snmp Trap: hpevtMdtPageZeroBad - 5157 in HPIFPTRAP.MIB

Symptom: Memory page 0 was slated for deallocation in the PDT.

User Action: FW is written such that this event should never be generated. If the user sees this event, please contact HP support.

Windows Event Id: 5158 (Hex)0xC0021426 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to find space in mdt

Snmp Trap: hpevtMdtUnableToFindSpace - 5158 in HPIFPTRAP.MIB

Symptom: MDT table bad.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5159 (Hex)0x80021427 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Media failure: info was not retrieved/logged

Snmp Trap: hpevtMediaFailure - 5159 in HPIFPTRAP.MIB

Symptom: The Error handler has failed to retrieve or log data due to a media failure.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5160 (Hex)0x80021428 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Bus interface register test failed

Snmp Trap: hpevtMemBibRegFailure - 5160 in HPIFPTRAP.MIB

Symptom: The chipset failed the register test.

User Action: Contact HP support to troubleshoot the problem.

Windows Event Id: 5161 (Hex)0x80021429 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory ECC normal write/read test failed

Snmp Trap: hpevtMemCacheLine0WrRdFailed - 5161 in HPIFPTRAP.MIB

Symptom: The DIMM that maps to cache line 0 is in a chipspare condition

User Action: Contact HP support

Symptom: The DIMM that maps to address 0 is not seated properly

User Action: Check all of the DIMMs in the system and make sure that they are inserted fully into the slot with the retention mechanism in place

Symptom: System may be running at the wrong frequency.

User Action: Verify the system bus frequency and the memory bus frequency.

Windows Event Id: 5167 (Hex)0x4002142F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Correctable (single-bit) ECC error in DIMM

Snmp Trap: None

If only one or two events point to the same DIMM in a month

Symptom: An Alpha particle from space has struck one of the DRAMs causing it to flip one of its bits.

User Action: No action to take, this is unavoidable.

If three or more events point to the same DIMM in a month

Symptom: The DIMM specified in the physical location may be showing signs of failure

User Action: Replace the DIMM specified by the physical location.

User Action: The DIMM connector may have failed.

User Action: Contact HP support

Windows Event Id: 5170 (Hex)0x40021432 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Memory DIMM distribution performance warning

Snmp Trap: None

Symptom: Memory was not loaded to yield the best memory subsystem performance.

User Action: Refer to the Maintenance and Operational Manual for instructions on memory loading.

Windows Event Id: 5171 (Hex)0x80021433 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: DIMM loading order error: DIMM deallocated

Snmp Trap: hpevtMemDimmLoadOrderErr - 5171 in HPIFPTRAP.MIB

Symptom: A required DIMM is not loaded in order to allow for proper operation of the DIMM specified in the physical location.

User Action: Refer to the user's manual for Memory loading instructions.

Windows Event Id: 5172 (Hex)0x80021434 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: DIMM SPD checksum failed

Snmp Trap: hpevtMemDimmSpdChecksum - 5172 in HPIFPTRAP.MIB

Symptom: The DIMMs SPD EEPROM got corrupted.

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 5173 (Hex)0x80021435 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: DIMM SPD fatal error

Snmp Trap: hpevtMemDimmSpdFatal - 5173 in HPIFPTRAP.MIB

Symptom: Detection of SPD fatal error type - various types

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 5174 (Hex)0x80021436 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unsupported memory DIMM type

Snmp Trap: hpevtMemDimmTypeIncompatible - 5174 in HPIFPTRAP.MIB

Symptom: A DIMM with an invalid DIMM type was found

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 5175 (Hex)0x80021437 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The DIMM type of this DIMM doesn't match with others in the DIMM group

Snmp Trap: hpevtMemDimmTypeMismatch - 5175 in HPIFPTRAP.MIB

Symptom: The DIMMs in the rank do not have the same DIMM type

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 5176 (Hex)0x80021438 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The DIMM type table is full. New DIMM type cannot be added.

Snmp Trap: hpevtMemDimmTypeTableFull - 5176 in HPIFPTRAP.MIB

Symptom: Too many different types of DIMMs in system

User Action: Reduce the number of different types of DIMMs in the system.

Windows Event Id: 5179 (Hex)0x8002143B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: DIMM number not found in DMT Table

Snmp Trap: hpevtMemDmtEntryNotFound - 5179 in HPIFPTRAP.MIB

Symptom: Probable internal FW error

User Action: Reload System Firmware

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 5180 (Hex)0x8002143C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory ECC multiple-bit data error detection failed

Snmp Trap: hpevtMemEccMbeDataTstFailed - 5180 in HPIFPTRAP.MIB

Symptom: The CEC failed MBE detection.

User Action: Contact HP support personnel to troubleshoot the problem

Windows Event Id: 5181 (Hex)0x8002143D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory ECC multiple-bit ECC error signalling failed

Snmp Trap: hpevtMemEccMbeSignalTstFailed - 5181 in HPIFPTRAP.MIB

Symptom: The CEC failed MBE detection.

User Action: Contact HP support personnel to troubleshoot the problem

Windows Event Id: 5182 (Hex)0x8002143E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory ECC single-bit data error detection failed

Snmp Trap: hpevtMemEccSbeDataTstFailed - 5182 in HPIFPTRAP.MIB

Symptom: The CEC failed SBE detection.

User Action: Contact HP support personnel to troubleshoot the problem

Windows Event Id: 5183 (Hex)0x8002143F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory ECC single-bit ECC error detection failed

Snmp Trap: hpevtMemEccSbeEccTstFailed - 5183 in HPIFPTRAP.MIB

Symptom: The CEC failed SBE detection.

User Action: Contact HP support personnel to troubleshoot the problem

Windows Event Id: 5185 (Hex)0x80021441 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Insufficient memory for operation

Snmp Trap: hpevtMemEnoughMemFailed - 5185 in HPIFPTRAP.MIB

Symptom: FW detected memory errors below 1MB.

User Action: None needed if FW recovers. If system will not boot, contact HP support to troubleshoot the problem.

Windows Event Id: 5186 (Hex)0x80021442 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory address not found in MBAT

Snmp Trap: hpevtMemErrAddrNotInMbat - 5186 in HPIFPTRAP.MIB

Symptom: The address logged in the CEC doesn't map to a memory rank, possibly due to a software error or NVM corruption

User Action: Contact HP support to trouble shoot the problem.

Windows Event Id: 5187 (Hex)0x80021443 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory Error Information not cleared

Snmp Trap: hpevtMemErrClearFail - 5187 in HPIFPTRAP.MIB

Symptom: Software Error or CEC error

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5188 (Hex)0x40021444 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Memory error logs didn't clear on first try

Snmp Trap: None

Symptom: Software Error or CEC error

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5189 (Hex)0x80021445 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Couldn't clear memory error logs

Snmp Trap: hpevtMemErrLogFailedToClear - 5189 in HPIFPTRAP.MIB

Symptom: Software Error or CEC error

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5190 (Hex)0x80021446 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory error clear failed

Snmp Trap: hpevtMemErrorRegClearFailure - 5190 in HPIFPTRAP.MIB

Symptom: Software error or CEC error

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5191 (Hex)0x80021447 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: DIMM loading order error: DIMM deallocated

Snmp Trap: hpevtMemExtFatalLoadOrdErr - 5191 in HPIFPTRAP.MIB

Symptom: A required DIMM is not loaded in order to allow for proper operation of the DIMM specified in the physical location.

User Action: Refer to the user's manual for memory loading instructions.

Windows Event Id: 5192 (Hex)0x40021448 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Memory test compare error in DIMM

Snmp Trap: None

Symptom: In a debug environment, a memory error just occurred.

User Action: Contact HP support to root cause the problem

Windows Event Id: 5193 (Hex)0x80021449 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Generic memory firmware error

Snmp Trap: hpevtMemFirmwareProb - 5193 in HPIFPTRAP.MIB

Symptom: Corrupt NVM or System firmware failure

User Action: Contact HP support to troubleshoot the problem.

Windows Event Id: 5202 (Hex)0xC0021452 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Memory interleave generation failed

Snmp Trap: hpevtMemMainMemFailed - 5202 in HPIFPTRAP.MIB

Symptom: DIMM(s) that map into low memory have errors on them.

A1: Contact HP support to troubleshoot the problem.

Symptom: SFW is outdated.

A2: Update SFW.

Windows Event Id: 5204 (Hex)0x80021454 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Uncorrectable (multiple-bit) ECC error in DIMM

Snmp Trap: hpevtMemMbeInRank - 5204 in HPIFPTRAP.MIB

Symptom: Multiple bit error in DIMM

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 5205 (Hex)0x80021455 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory register test failed

Snmp Trap: hpevtMemMcRegFailure - 5205 in HPIFPTRAP.MIB

Symptom: The register within the chipset went bad.

A1: Contact HP support to troubleshoot the problem

Symptom: Internal SFW error.

A2: Update to most recent SFW.

Windows Event Id: 5208 (Hex)0xC0021458 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: SPD found no memory DIMMs

Snmp Trap: hpevtMemNoDimmsInstalled - 5208 in HPIFPTRAP.MIB

Symptom: No DIMMs were detected

User Action: Install DIMMs or Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 5209 (Hex)0xC0021459 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: No memory found

Snmp Trap: hpevtMemNoMemFound - 5209 in HPIFPTRAP.MIB

Symptom: FW found memory, but it could not find a correctly loaded rank.

User Action: Before this event is sent, FW will output which ranks it is deallocating and
why. Review the preceeding events and refer to the users manual to correct the memory
loading.

Windows Event Id: 5211 (Hex)0xC002145B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cannot log memory error because PDT is disabled

Snmp Trap: hpevtMemPdtDisabledHalt - 5211 in HPIFPTRAP.MIB

Symptom: FW found memory errors during selftest, but could not deallocate the page
because the PDT is disabled.

User Action: Reenable the PDT by clearing NVM

Windows Event Id: 5212 (Hex)0x8002145C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PDT is disabled

Snmp Trap: hpevtMemPdtDisabledWarning - 5212 in HPIFPTRAP.MIB

Symptom: Informational event indicating that FW will not use the PDT this boot.

User Action: None if user does not want to use the PDT, otherwise, clear NVM

Windows Event Id: 5214 (Hex)0x8002145E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error adding entry to PDT

Snmp Trap: hpevtMemPdtNvmErr - 5214 in HPIFPTRAP.MIB

Symptom: NVM write error.

User Action: Contact HP support personnel to troubleshoot the problem.

Windows Event Id: 5215 (Hex)0x4002145F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Multi-bit error overwrote single-bit error in PDT

Snmp Trap: None

Symptom: SBE and MBE entry for same memory address

User Action: None

Windows Event Id: 5216 (Hex)0xC0021460 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cannot add PDT entry--PDT full

Snmp Trap: hpevtMemPdtTableFull - 5216 in HPIFPTRAP.MIB

Symptom: An attempt was made to add an entry to a full PDT.

User Action: Run the 'pdt' command from the EFI shell and remove/replace the DIMM that has the most PDT entries

User Action: Contact HP support

Windows Event Id: 5218 (Hex)0x80021462 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory platform data update failure

Snmp Trap: hpevtMemPlatformInitFailure - 5218 in HPIFPTRAP.MIB

Symptom: Memory FW was unable to save or restore the original error configuration.

User Action: If this is seen, update SFW.

Windows Event Id: 5219 (Hex)0x80021463 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Can't find memory rank entry

Snmp Trap: hpevtMemRankEntryNotFound - 5219 in HPIFPTRAP.MIB

Symptom: The rank structure that corresponds to the rankID in the data field could not be found in the Rank table, possibly due to NVM corruption.

User Action: Contact HP support to troubleshoot the problem.

Windows Event Id: 5220 (Hex)0x40021464 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Memory config changed since last boot

Snmp Trap: None

Symptom: Memory configuration change since last boot

User Action: None

Windows Event Id: 5237 (Hex)0x80021475 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory error overflow:

Snmp Trap: hpevtMemTestExcessMcBits - 5237 in HPIFPTRAP.MIB

Symptom: An error other than a memory error occurred during the memory test

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5238 (Hex)0x80021476 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory forward progress code invalid

Snmp Trap: hpevtMemTestFwdProgBitsInvalid - 5238 in HPIFPTRAP.MIB

Symptom: The forward progress bits are invalid.

User Action: Upgrade to latest system firmware, or contact HP support to troubleshoot the problem.

Windows Event Id: 5243 (Hex)0x4002147B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Memory controller error status word is:

Snmp Trap: None

Symptom: An error was detected during the memory test.

User Action: None needed, unless the PDT fills up, then contact HP support to troubleshoot the problem.

Windows Event Id: 5244 (Hex)0x8002147C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory error status invalid

Snmp Trap: hpevtMemTestStatusBitsInvalid - 5244 in HPIFPTRAP.MIB

Symptom: Non-memory errors were detected during the memory test that FW doesn't know how to handle.

User Action: Update to the latest SFW

User Action: Contact HP support to troubleshoot the problem.

Windows Event Id: 5245 (Hex)0x8002147D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Memory error summary bits invalid

Snmp Trap: hpevtMemTestSummaryBitsInvalid - 5245 in HPIFPTRAP.MIB

Symptom: The memory test summary word is invalid

User Action: Update to the latest SFW.

User Action: Contact HP support to troubleshoot the problem.

Windows Event Id: 5248 (Hex)0xC0021480 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unexpected machine check during memory code

Snmp Trap: hpevtMemUnexpectedMca - 5248 in HPIFPTRAP.MIB

Symptom: Incompatible memory controller and memory DIMM.

User Action: Update system board with current memory controller.

Windows Event Id: 5250 (Hex)0x80021482 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The DIMM distribution check was bypassed

Snmp Trap: hpevtMemWarnDistributionCheckBypass - 5250 in HPIFPTRAP.MIB

Symptom: Control bit to skip DIMM distribution check is set.

User Action: Clear NVM

User Action: Update PDC

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5252 (Hex)0x80021484 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The DIMM Loading Order check was bypassed

Snmp Trap: hpevtMemWarnLoadingOrderBypass - 5252 in HPIFPTRAP.MIB

Symptom: Control bit to skip DIMM loading order check is set.

User Action: Clear NVM

User Action: Update PDC

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5253 (Hex)0x80021485 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Looping on destructive memory tests

Snmp Trap: hpevtMemWarnLoopOnDestTest - 5253 in HPIFPTRAP.MIB

Symptom: Control bit to loop on destructive memory test is set.

User Action: Clear NVM

User Action: Update PDC

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5255 (Hex)0x80021487 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: DIMM Set Check has been skipped

Snmp Trap: hpevtMemWarnSetCheckBypass - 5255 in HPIFPTRAP.MIB

Symptom: Control bit to skip DIMM set check is set.

User Action: Clear NVM

User Action: Update PDC

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5256 (Hex)0x80021488 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Serial Presence Detect (SPD) has been skipped

Snmp Trap: hpevtMemWarnSpdBypass - 5256 in HPIFPTRAP.MIB

Symptom: Control bit to skip DIMM SPD check is set.

User Action: Clear NVM

User Action: Update PDC

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5257 (Hex)0x80021489 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An Alternate Memory Config has been loaded into the system

Snmp Trap: hpevtMemWarnUsingAltConfig - 5257 in HPIFPTRAP.MIB

Symptom: Control bit to use an alternate memory config are set.

User Action: Clear NVM

User Action: Update PDC

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5259 (Hex)0x4002148B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Branch to OS INIT failed

Snmp Trap: None

Symptom: not used

Windows Event Id: 5260 (Hex)0x8002148C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: OS INIT address not registered

Snmp Trap: hpevtOsInitNotRegistered - 5260 in HPIFPTRAP.MIB

Symptom: The OS has not registered an OS_INIT vector.

User Action: None, the OS has failed to register the vector or has chosen not to.

Windows Event Id: 5261 (Hex)0x4002148D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: OS INIT requested a warm boot

Snmp Trap: None

Symptom: OS requested a warm boot.

User Action: None.

Windows Event Id: 5262 (Hex)0x4002148E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: OS MCA corrected the Machine Check

Snmp Trap: None

Symptom: not used

Windows Event Id: 5263 (Hex)0x8002148F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: OS MCA address not registered

Snmp Trap: hpevtOsMcaNotRegistered - 5263 in HPIFPTRAP.MIB

Symptom: The OS has not registered an OS_MCA vector.

User Action: None, the OS has failed to register the vector or has chosen not to.

Windows Event Id: 5264 (Hex)0x80021490 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: OS MCA did not correct the Machine Check

Snmp Trap: hpevtOsMcaUncorrectedMc - 5264 in HPIFPTRAP.MIB

Symptom: Uncorrected Machine Check.

User Action: Analyze cause of Machine Check using diagnostic and EFI tools.

Windows Event Id: 5265 (Hex)0x40021491 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CMC: PAL corrected the Machine Check

Snmp Trap: None

Symptom: A Corrected Machine Check.

User Action: None, diagnostics logs to see source of error. The error has been corrected.

Windows Event Id: 5266 (Hex)0xC0021492 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Found bad miscellaneous register

Snmp Trap: hpevtPdhMiscRegFail - 5266 in HPIFPTRAP.MIB

Symptom: A PDH register has failed.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5268 (Hex)0x80021494 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: SAL_CHECK failed for an unknown reason

Snmp Trap: hpevtSalCheckUnknownFail - 5268 in HPIFPTRAP.MIB

Symptom: The handler for SAL_CHECK has failed for an unknown reason.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5269 (Hex)0x40021495 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CMC: SAL corrected the Machine Check

Snmp Trap: None

Symptom: A Corrected Machine Check.

User Action: None, diagnostics logs to see source of error. The error has been corrected.

Windows Event Id: 5270 (Hex)0x80021496 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: SAL_INIT failed for an unknown reason

Snmp Trap: hpevtSalInitUnknownFail - 5270 in HPIFPTRAP.MIB

Symptom: The handler for SAL_INIT has failed for an unknown reason.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5277 (Hex)0x4002149D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MCA: Uncorrected Machine Check

Snmp Trap: None

Symptom: Uncorrected Machine Check.

User Action: Analyze cause of Machine Check using diagnostic and EFI tools.

Windows Event Id: 5278 (Hex)0x8002149E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unspecified memory interleave error

Snmp Trap: hpevtUndefinedSmcInterleaveErr - 5278 in HPIFPTRAP.MIB

Symptom: FW encountered a fatal interleaving error.

User Action: Update SFW

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 5279 (Hex)0x8002149F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unexpected return to SAL_CHECK

Snmp Trap: hpevtUnexpectedRetToSalCheck - 5279 in HPIFPTRAP.MIB

Symptom: SAL_CHECK has been unexpectedly returned to.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5280 (Hex)0x800214A0 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unexpected return to SAL_INIT

Snmp Trap: hpevtUnexpectedRetToSalInit - 5280 in HPIFPTRAP.MIB

Symptom: SAL_CHECK has been unexpectedly returned to.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5335 (Hex)0xC00214D7 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Firmware is adding a DEGRADED cpu node to the device tree.

Snmp Trap: hpevtFwInstalledCpuDegraded - 5335 in HPIFPTRAP.MIB

Symptom: A CPU that is not fully functional is installed in the cell board. Replace.

Windows Event Id: 5354 (Hex)0xC00214EA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PD rendez will fail do to a Firmware Tree error

Snmp Trap: hpevtPdRendezTreeError - 5354 in HPIFPTRAP.MIB

Symptom: Decode the ascii string in the data field to determine what resource is missing. Examine earlier chassis codes to determine why that resouse is unavailable.

Windows Event Id: 5359 (Hex)0xC00214EF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The current cell is not configured as part of the expected set

Snmp Trap: hpevtPdCellConfigError - 5359 in HPIFPTRAP.MIB

Symptom: A bad complex profile exists. Correct and redistribute.

Windows Event Id: 5360 (Hex)0xC00214F0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A remote CSR could not be read

Snmp Trap: hpevtPdRemoteCsrReadError - 5360 in HPIFPTRAP.MIB

Symptom: Either a hardware connection problem exists, or fabric was unable to be routed. Verify hardware and reset.

Windows Event Id: 5361 (Hex)0xC00214F1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The current cell is too late to rendezvous with other cells

Snmp Trap: hpevtPdCellLateForRendez - 5361 in HPIFPTRAP.MIB

Symptom: This cell took to long completing previous steps to rendezvous. A bad complex profile could also cause this problem.

Windows Event Id: 5365 (Hex)0xC00214F5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The current cell detected incompatible CPUs on another cell

Snmp Trap: hpevtPdIncompatibleCpuTypes - 5365 in HPIFPTRAP.MIB

Symptom: Mixed CPU types are installed in the same partition. Remove them.

Windows Event Id: 5366 (Hex)0xC00214F6 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Current cell was too slow creating the local rendezvous set

Snmp Trap: hpevtPdCellLateLocalRendezSet - 5366 in HPIFPTRAP.MIB

Symptom: Cell too slow. Could be bad hardware. Check for other errors and reset

Windows Event Id: 5376 (Hex)0xC0021500 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Reporting cell was not included in the global cell set

Snmp Trap: hpevtCellNotInGlobalSet - 5376 in HPIFPTRAP.MIB

Symptom: Fabric problem, Connection problem or timing problem. Reset the PD.

Windows Event Id: 5380 (Hex)0xC0021504 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: No Core Cell can be selected in the PD.

Snmp Trap: hpevtNoViableCoreCellInPd - 5380 in HPIFPTRAP.MIB

Symptom: No cells have a functioning core IO card. Add a core IO card to a cell in the PD and reset.

Windows Event Id: 5383 (Hex)0xC0021507 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Firmware was unable to notify utilities of the core cell number

Snmp Trap: hpevtErrorPromotingCoreCell - 5383 in HPIFPTRAP.MIB

Symptom: Communication with utilities is broken. Check for earlier errors or NVRAM problems.

Windows Event Id: 5398 (Hex)0x40021516 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Negative 1 read from a CSR Snmp Trap: None

Symptom: Invalid configuration.

Windows Event Id: 5402 (Hex)0x4002151A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Fabric already owns the semaphore needed

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5403 (Hex)0xC002151B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Fabric code unable to find a needed service provider.

Snmp Trap: hpevtFabricNoServiceProviders - 5403 in HPIFPTRAP.MIB

Symptom: The registry is corrupt or the ROM is incomplete.

Windows Event Id: 5404 (Hex)0xC002151C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error in a fabric Port

Snmp Trap: hpevtFabricPortError - 5404 in HPIFPTRAP.MIB

Symptom: Reset.

Windows Event Id: 5405 (Hex)0xC002151D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Parity error detected on read from fabric

Snmp Trap: hpevtFabricReadError - 5405 in HPIFPTRAP.MIB

Symptom: Hardware problem. Check connections and reset.

Windows Event Id: 5406 (Hex)0xC002151E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error writing to Fabric

Snmp Trap: hpevtFabricWriteError - 5406 in HPIFPTRAP.MIB

Symptom: Bad hardware.

Windows Event Id: 5407 (Hex)0xC002151F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Crossbar slices are out of rev with each other.

Snmp Trap: hpevtXbcSlicesHwVersionDiffer - 5407 in HPIFPTRAP.MIB

Symptom: Bad hardware configuration. Replace the crossbar.

Windows Event Id: 5408 (Hex)0xC0021520 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Crossbar slices are configured poorly

Snmp Trap: hpevtXbcSlicesInDiffLocation - 5408 in HPIFPTRAP.MIB

Symptom: Fatal configuration. Reconfigure the hardware.

Windows Event Id: 5411 (Hex)0xC0021523 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A CPU has taken over for the monarch CPU

Snmp Trap: hpevtMonarchTakeover - 5411 in HPIFPTRAP.MIB

Symptom: The previous monarch may be suspect.

Windows Event Id: 5416 (Hex)0xC0021528 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Sram cannot be used on the cell

Snmp Trap: hpevtDeadSram - 5416 in HPIFPTRAP.MIB

Symptom: SRAM cannot be located or used on the cell board. Replace the cell board.

Windows Event Id: 5417 (Hex)0xC0021529 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The dillon hardware cannot be located.

Snmp Trap: hpevtDeadDillon - 5417 in HPIFPTRAP.MIB

Symptom: ROM is corrupt. Replace the rom or reprogram flash.

Windows Event Id: 5418 (Hex)0xC002152A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A required piece of PDH bus hardware cannot be contacted.

Snmp Trap: hpevtDeadPdhHw - 5418 in HPIFPTRAP.MIB

Symptom: Verify all connections of PDH bus componets or replace the cell board.

Windows Event Id: 5419 (Hex)0x8002152B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error: PCI Buses are configured for multiple speeds

Snmp Trap: hpevtIoPciBusMixedSpeeds - 5419 in HPIFPTRAP.MIB

Symptom: Correct the mixed speeds configuration problem

Windows Event Id: 5420 (Hex)0xC002152C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The bus depth was exceeded during IO probing.

Snmp Trap: hpevtIoPciBusDepthExceeded - 5420 in HPIFPTRAP.MIB

Symptom: Reconfigure the hardware.

Windows Event Id: 5432 (Hex)0xC0021538 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Timout occurred during RI initialization.

Snmp Trap: None

Symptom: Correct the hardware problem.

Windows Event Id: 5437 (Hex)0x4002153D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Informational: PFA is displayed.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5438 (Hex)0x8002153E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: SuperIO has been detected in slot

Snmp Trap: hpevtIoBuswalkSuperio - 5438 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5439 (Hex)0x4002153F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The LBA discovered has been deconfigured.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5440 (Hex)0x80021540 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: IO Link software error was corrected.

Snmp Trap: hpevtIoSbaCorrDataParityErr - 5440 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5441 (Hex)0xC0021541 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Bad parity data from RD Rtn FIFO on PIO Read (UNC)

Snmp Trap: hpevtIoSbaUncDataParityErr - 5441 in HPIFPTRAP.MIB

Symptom: Replace bad hardware.

Windows Event Id: 5442 (Hex)0xC0021542 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Parity error in Reg FIFO Internal parity error.

Snmp Trap: hpevtIoSbaFatalDataParityErr - 5442 in HPIFPTRAP.MIB

Symptom: Replace bad hardware.

Windows Event Id: 5443 (Hex)0xC0021543 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: TLB Fetch timeout

Snmp Trap: hpevtIoSbaUncFunctionErr - 5443 in HPIFPTRAP.MIB

Symptom: Replace bad hardware.

Windows Event Id: 5444 (Hex)0xC0021544 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Link presence goes away, FE

Snmp Trap: hpevtIoSbaFatalFunctionErr - 5444 in HPIFPTRAP.MIB

Symptom: Replace the link.

Windows Event Id: 5445 (Hex)0xC0021545 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Elroy to REO parity error on command, rope will go fatal

Snmp Trap: hpevtIoSbaFatalParityErr - 5445 in HPIFPTRAP.MIB

Symptom: Bad hardware.

User Action: Repace I/O chassis.

Windows Event Id: 5446 (Hex)0xC0021546 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Access to invalid TLB entry Requesting rope fatal

Snmp Trap: hpevtIoSbaFatalMapErr - 5446 in HPIFPTRAP.MIB

Symptom: Replace bad hardware.

Windows Event Id: 5447 (Hex)0xC0021547 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Memory fetch timeout

Snmp Trap: hpevtIoSbaFatalTimeoutErr - 5447 in HPIFPTRAP.MIB

Symptom: Replace bad hardware.

Windows Event Id: 5448 (Hex)0xC0021548 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error was encountered when Initializion the LBA.

Snmp Trap: hpevtIoLbaInitErr - 5448 in HPIFPTRAP.MIB

Symptom: Replace the bad hardware.

Windows Event Id: 5449 (Hex)0x80021549 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: LBA correctable Timeout Error was encountered.

Snmp Trap: hpevtIoLbaCorrTimeoutErr - 5449 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5450 (Hex)0xC002154A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: LBA uncorrectable Function Error was encountered.

Snmp Trap: hpevtIoLbaUncFunctionErr - 5450 in HPIFPTRAP.MIB

Symptom: Replace the damaged hardware.

Windows Event Id: 5451 (Hex)0xC002154B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: LBA uncorrectable Timeout Error was encountered.

Snmp Trap: hpevtIoLbaUncTimeoutErr - 5451 in HPIFPTRAP.MIB

Symptom: Replace the damaged hardware.

Windows Event Id: 5452 (Hex)0xC002154C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Misc. uncorrectable error discovered on LBA.

Snmp Trap: hpevtIoLbaMiscUncErr - 5452 in HPIFPTRAP.MIB

Symptom: Replace damaged hardware.

Windows Event Id: 5453 (Hex)0xC002154D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: LBA encountered an uncorrectable parity error.

Snmp Trap: hpevtIoLbaUncParityErr - 5453 in HPIFPTRAP.MIB

Symptom: Replace the damaged hardware.

Windows Event Id: 5454 (Hex)0xC002154E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: LBA Misc. Fatal Error encountered.

Snmp Trap: hpevtIoLbaMiscFatalErr - 5454 in HPIFPTRAP.MIB

Symptom: Replace damaged hardware.

Windows Event Id: 5455 (Hex)0xC002154F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: LBA Fatal function error encountered.

Snmp Trap: hpevtIoLbaFatalFunctionErr - 5455 in HPIFPTRAP.MIB

Symptom: Replace damaged hardware.

Windows Event Id: 5456 (Hex)0xC0021550 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: LBA Fatal Parity error encountered.

Snmp Trap: hpevtIoLbaFatalParityErr - 5456 in HPIFPTRAP.MIB

Symptom: Replace hardware, either PCI card or IO backplane.

Windows Event Id: 5457 (Hex)0xC0021551 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: LBA Fatal Timeout Error Encountered.

Snmp Trap: hpevtIoLbaFatalTimeoutErr - 5457 in HPIFPTRAP.MIB

Symptom: Replace damaged hardware.

Windows Event Id: 5458 (Hex)0xC0021552 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Misc Uncorrectable Error encountered.

Snmp Trap: hpevtIoDevAdapterMiscUncErr - 5458 in HPIFPTRAP.MIB

Symptom: Replace the card in the specified data field.

Windows Event Id: 5459 (Hex)0xC0021553 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Misc fata error discovered on PCI card

Snmp Trap: hpevtIoDevAdapterMiscFatalErr - 5459 in HPIFPTRAP.MIB

Symptom: Replace the failing card.

Windows Event Id: 5463 (Hex)0x40021557 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: A single bit memory error (SBE) was detected

Snmp Trap: None

Symptom:

User Action: The DIMM needs to be replaced soon

Windows Event Id: 5464 (Hex)0xC0021558 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: DIMM SPD Extended Checksum Failure

Snmp Trap: hpevtMemDimmSpdExtendedChecksum - 5464 in HPIFPTRAP.MIB

Symptom: Replace any bad dimms.

Windows Event Id: 5465 (Hex)0x40021559 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Dimm is software deallocated.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5466 (Hex)0x4002155A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The dimm has been hardware deallocated.

Snmp Trap: None

Symptom: No action required

Windows Event Id: 5467 (Hex)0x8002155B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Options header checksum error encountered.

Snmp Trap: hpevtOptsHdrCksumError - 5467 in HPIFPTRAP.MIB

Symptom: Reinitialize the options data.

Windows Event Id: 5468 (Hex)0x8002155C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Options data checksum error was encountered.

Snmp Trap: hpevtOptsDataCksumError - 5468 in HPIFPTRAP.MIB

Symptom: Verify options data and reinitialize if necessary.

Windows Event Id: 5473 (Hex)0xC0021561 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Internal inconsistancy in the interleave tables.

Snmp Trap: hpevtPdMemIntlvWaysMismatch - 5473 in HPIFPTRAP.MIB

Symptom: Reconfigure and Reset.

Windows Event Id: 5474 (Hex)0x80021562 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CellInfoList is not NULL.

Snmp Trap: hpevtPdMemUnintlvdMemory - 5474 in HPIFPTRAP.MIB

Symptom: Reset.

Windows Event Id: 5478 (Hex)0xC0021566 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error in constructing the Memory Descriptor.

Snmp Trap: hpevtPdMemNoMemoryDesc - 5478 in HPIFPTRAP.MIB

Symptom: Reset.

Windows Event Id: 5479 (Hex)0xC0021567 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unable to update the local memory layout

Snmp Trap: hpevtPdMemUpdateLocalCellFailed - 5479 in HPIFPTRAP.MIB

Symptom: Reset

Windows Event Id: 5483 (Hex)0xC002156B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A required address was not found within a mapped address.

Snmp Trap: hpevtPdMemPdtAddrNotFound - 5483 in HPIFPTRAP.MIB

Symptom: Reset

Windows Event Id: 5485 (Hex)0xC002156D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failure to install a Partition level PDT.

Snmp Trap: hpevtPdMemPdtInstallFail - 5485 in HPIFPTRAP.MIB

Symptom: Reset

Windows Event Id: 5490 (Hex)0xC0021572 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A critical resourse could not be found or is unusable

Snmp Trap: hpevtUnusableResource - 5490 in HPIFPTRAP.MIB

Symptom: Determine the failing component or hardware from the data field as described and replace.

Windows Event Id: 5491 (Hex)0xC0021573 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Internal firmware programming error.

Snmp Trap: hpevtFwError - 5491 in HPIFPTRAP.MIB

Symptom: Report the IP to the firmware team. Reset the system. This cannot be worked around in the field.

Windows Event Id: 5492 (Hex)0xC0021574 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: NVRam test failed with a data compare error

Snmp Trap: hpevtNvramDataCmpError - 5492 in HPIFPTRAP.MIB

Symptom: Bad NVRam, replace the bad chip.

Windows Event Id: 5493 (Hex)0xC0021575 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An NVRam CRC Error was detected

Snmp Trap: hpevtNvramCrcError - 5493 in HPIFPTRAP.MIB

Symptom: Bad Hardware or a coding problem; Replace the NVRAM chip.

Windows Event Id: 5496 (Hex)0xC0021578 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A semaphore could not be obtained

Snmp Trap: hpevtErrorObtainingSemaphore - 5496 in HPIFPTRAP.MIB

Symptom:

User Action: Reset system to clear the semaphore Try reinitializing NVRAM.

If problem persists, contact engineering.

Windows Event Id: 5498 (Hex)0xC002157A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The BLOCK requested in NVRAM has the wrong revision

Snmp Trap: hpevtNvramBlockRevMismatch - 5498 in HPIFPTRAP.MIB

Symptom: Clear NVRAM and reset.

Windows Event Id: 5499 (Hex)0x8002157B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The requested NVRAM block was not found.

Snmp Trap: hpevtNvramBlockNotFound - 5499 in HPIFPTRAP.MIB

Symptom: No Action Required. Firmware can allocated space for the block.

Windows Event Id: 5500 (Hex)0x8002157C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The requested NVRAM block is locked.

Snmp Trap: hpevtNvramBlockLocked - 5500 in HPIFPTRAP.MIB

Symptom: Retry the operation.

Windows Event Id: 5501 (Hex)0x8002157D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Firmware tried to unlock a NVRAM block that was already unlocked.

Snmp Trap: hpevtNvramBlockUnlocked - 5501 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5502 (Hex)0xC002157E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The Header in NVRAM was not found

Snmp Trap: hpevtNvramHeaderNotFound - 5502 in HPIFPTRAP.MIB

Symptom: NVRAM cannot be used. It must be initialized first. Firmware will attempt the initialization.

Windows Event Id: 5503 (Hex)0xC002157F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The Freelist used for NVM block allocation is corrupt.

Snmp Trap: hpevtNvmFreelistCorrupt - 5503 in HPIFPTRAP.MIB

Symptom: Band NVRAM/ reinitialize.

Windows Event Id: 5505 (Hex)0xC0021581 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Firmware is preparing to reset for reconfiguration.

Snmp Trap: hpevtResetForReconfig - 5505 in HPIFPTRAP.MIB

Symptom: This can be caused by many conditions including a bad complex profile, a bad hardware configuration, a cell arriving late to the rendezvous point. A cell not being able to rendezvous. Reconfiguration from partition manager is recommended.

Windows Event Id: 5507 (Hex)0xC0021583 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An error was encountered communicating with utilities during PD rendez.

Snmp Trap: hpevtPdRendezUtilityError - 5507 in HPIFPTRAP.MIB

Symptom: Verify communications with the utilities system.

Windows Event Id: 5509 (Hex)0xC0021585 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Forward Progress is stopping. The Cell or System will not boot further.

Snmp Trap: hpevtHalt - 5509 in HPIFPTRAP.MIB

Symptom: An error occurred which triggered system firmware to cease making forward progress. The CPU is put into a spin loop so that external debugging can take place. See earlier event ids to help determine the cause of the error. Also note that the Error Response Mode is likely to have directed firmware to HALT.

Windows Event Id: 5510 (Hex)0x80021586 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: No console is available for the DUI to use.

Snmp Trap: hpevtDuiNoConsole - 5510 in HPIFPTRAP.MIB

Symptom: DUI was entered before the console is available. DUI will exit and processing will continue.

Windows Event Id: 5511 (Hex)0xC0021587 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error Processing encountered an unrecoverable error

Snmp Trap: hpevtErrorProcFailed - 5511 in HPIFPTRAP.MIB

Symptom: Decode the ascii message and correct the problem.

Windows Event Id: 5512 (Hex)0x40021588 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The Scope of the ERM (Error Response Mode) is being reported

Snmp Trap: None

Symptom: Informational only. No action required.

Windows Event Id: 5513 (Hex)0x40021589 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The ERM (Error Response Mode) Error String is being reported.

Snmp Trap: None

Symptom: Informational, no action required.

Windows Event Id: 5514 (Hex)0xC002158A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: System is unable to complete the Reset For Reconfiguration request.

Snmp Trap: hpevtReconfigResetFail - 5514 in HPIFPTRAP.MIB

Symptom: Delay the request for reconfiguation until after the PD has been released from Sinc BIB.

Windows Event Id: 5515 (Hex)0xC002158B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The cell is not able to reach all requested cells through the fabric.

Snmp Trap: hpevtPdErrorReachableSet - 5515 in HPIFPTRAP.MIB

Symptom: Fabric wasn't able to route to all cells described in the complex profile correctly due to a hardware problem. Some of the cells are unreachable. Update the complex profile or correct the hardware problem.

Windows Event Id: 5518 (Hex)0x8002158E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: LBA has unexpected number of I/O Slots.

Snmp Trap: hpevtIoBridgeDepthExceeded - 5518 in HPIFPTRAP.MIB

Symptom: Unsupported I/O configuration.

User Action: Remove the I/O cards below the specified PCI-to-PCI bridge.

Windows Event Id: 5521 (Hex)0xC0021591 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Console device failed to connect.

Snmp Trap: hpevtEfiConsoleDriverError - 5521 in HPIFPTRAP.MIB

Symptom: Debugging event, not for release.

Windows Event Id: 5524 (Hex)0x80021594 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error loading EFI driver.

Snmp Trap: hpevtEfiDriverLoadError - 5524 in HPIFPTRAP.MIB

Symptom: Debugging event, not for release.

Windows Event Id: 5525 (Hex)0x80021595 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Copying memory test code failed.

Snmp Trap: hpevtMemTestCodeInPage0Corrupt - 5525 in HPIFPTRAP.MIB

Symptom: Memory test code located in main memory has been corrupted

User Action: Contact HP support personnel to troubleshoot the problem

Windows Event Id: 5527 (Hex)0xC0021597 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A remote cell is in an unknown state of PD rendezvous

Snmp Trap: hpevtRemoteCellStateUnknown - 5527 in HPIFPTRAP.MIB

Symptom: Reset the PD.

Windows Event Id: 5528 (Hex)0xC0021598 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Multiple Core Cells have been discovered in the same PD

Snmp Trap: hpevtPdMltplCoreCells - 5528 in HPIFPTRAP.MIB

Symptom: Verify that the complex profile is correct and reset the partition.

Windows Event Id: 5529 (Hex)0xC0021599 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The utilities component encountered an error when sending a command to the MP

Snmp Trap: hpevtUtilSendCommandError - 5529 in HPIFPTRAP.MIB

Symptom: Verify the utilities system is connected correctly and reset.

Windows Event Id: 5530 (Hex)0x8002159A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error received after issuing the Retrieve Cell Slot State command

Snmp Trap: hpevtUtilCellSlotError - 5530 in HPIFPTRAP.MIB

Symptom: Make sure the GSP is connected and reset.

Windows Event Id: 5531 (Hex)0x4002159B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes that the MCA was taken due to an uncorrectable error.

Snmp Trap: None

Symptom: When this happens the Local MCA path will be taken.

Windows Event Id: 5532 (Hex)0x4002159C (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes the fact that the MCA was caused by a fatal error.

Snmp Trap: None

Symptom: When this happens the Global MCA path is taken.

Windows Event Id: 5533 (Hex)0x4002159D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes the fact that the cause of the MCA is not known.

Snmp Trap: None

Symptom: When this happens the only processor logging takes place before the OS MCA handler is called.

Windows Event Id: 5534 (Hex)0x4002159E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes the action of logging the processor errors in the MCA path.

Snmp Trap: None

Symptom: Logging of processor info has been logged.

Windows Event Id: 5535 (Hex)0x4002159F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes the progress in logging the concorde log(platform specific).

Snmp Trap: None

Symptom: This means Concorde log has been logged.

Windows Event Id: 5536 (Hex)0x400215A0 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes the clearing of the concorde errors.

Snmp Trap: None

Symptom: Concorde error has been cleared.

Windows Event Id: 5537 (Hex)0x400215A1 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates the event of logging the SBA errors.

Snmp Trap: None

Symptom: SBA error information has been logged.

Windows Event Id: 5538 (Hex)0x400215A2 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes the event of clearing the REO errors.

Snmp Trap: None

Symptom: REO errors have been cleared.

Windows Event Id: 5539 (Hex)0x400215A3 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes the event of logging the XBC error information.

Snmp Trap: None

Symptom: Togo error information has been logged.

Windows Event Id: 5540 (Hex)0x400215A4 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes the clearing of the XBC errors during the MCA path.

Snmp Trap: None

Symptom: TOGO errors have been cleared.

Windows Event Id: 5541 (Hex)0x400215A5 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates that the cpu missed the MCAed Cpu rendezvous at the cell level.

Snmp Trap: None

Symptom: no action required.

Windows Event Id: 5542 (Hex)0x400215A6 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates the event of the rendezvous of the machine checked Cpus.

Snmp Trap: None

Symptom: no action required.

Windows Event Id: 5543 (Hex)0x400215A7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates that the cpu is too late for the rendezvous of INIT cpus.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5544 (Hex)0x400215A8 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates the cell level rendezvous of the INIT cpus.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5545 (Hex)0x400215A9 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The event of selecting the monarch cpu in the cell.

Snmp Trap: None

Symptom: no action needed.

Windows Event Id: 5546 (Hex)0xC00215AA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This indicates that all the cpus in the cell did not rendezvous during the MCA.

Snmp Trap: hpevtMcCellRendezFailed - 5546 in HPIFPTRAP.MIB

Symptom: When this happens the cell will step through some of the error logging code on its own and then reset itself.

Windows Event Id: 5547 (Hex)0xC00215AB (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This indicates that it does not have any access to the PD.

Snmp Trap: hpevtMcNoAccessToPd - 5547 in HPIFPTRAP.MIB

Symptom: Forward Progress indicator; the cell will independently step through the error logging steps before it resets itself.

Windows Event Id: 5548 (Hex)0xC00215AC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This indicates the loss of lockstep during the MCA path.

Snmp Trap: hpevtMcLossOfLockstep - 5548 in HPIFPTRAP.MIB

Symptom: The cell will take up a few more error logging steps independently before resetting itself.

Windows Event Id: 5549 (Hex)0x400215AD (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates the event of rendezvousing all the cells in the PD level.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5550 (Hex)0xC00215AE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The PD level cell rendezvous failed.

Snmp Trap: hpevtMcPdCellRendezFailed - 5550 in HPIFPTRAP.MIB

Symptom: This means that the cells will independently step through some of the error logging code and then reset themselves.

Windows Event Id: 5551 (Hex)0x400215AF (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates the event of plunging the REO caches

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5552 (Hex)0x400215B0 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates the event of flushing the cpus.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5553 (Hex)0x400215B1 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates the event of clearing the pending MCAs.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5554 (Hex)0x400215B2 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This denotes the event of logging the error to the NVRAM.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5555 (Hex)0x400215B3 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates that a timout has occurred in one of the rendezvous phase.

Snmp Trap: None

Symptom: Informational, no action required

Windows Event Id: 5556 (Hex)0xC00215B4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: It stands for diagnosis of catastrophic errors in the PIN block of concorde.

Snmp Trap: hpevtMcProcErrHalt - 5556 in HPIFPTRAP.MIB

Symptom: This means that the cell will be reset.

Windows Event Id: 5557 (Hex)0xC00215B5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The cell monarch cpu has failed.

Snmp Trap: hpevtMcCellMonarchTimeout - 5557 in HPIFPTRAP.MIB

Symptom: The monarch cpu will be deconfigured.

Windows Event Id: 5558 (Hex)0xC00215B6 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This indicates that the cell missed the rendezvous at the partition level.

Snmp Trap: hpevtMcPdCellMissedRendez - 5558 in HPIFPTRAP.MIB

Symptom: The cell will independently step through some of the error logging steps and then finally reset itself.

Windows Event Id: 5559 (Hex)0xC00215B7 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This means that the PD monarch timedout.

Snmp Trap: hpevtMcPdMonarchTimeout - 5559 in HPIFPTRAP.MIB

Symptom: The cell will be reset ; also the partition will be reset.

Windows Event Id: 5560 (Hex)0xC00215B8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: SetViewRoot on a remote cell failed.

Snmp Trap: hpevtRemoteSetViewRootError - 5560 in HPIFPTRAP.MIB

Symptom: Inter Processor interrupts failed. Be sure that the partition rendezvous was successfully completed. Reset.

Windows Event Id: 5563 (Hex)0x400215BB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates that the cause of the INIT is not known.

Snmp Trap: None

Symptom: Just log the Processor information and then resume the interrupted context.

Windows Event Id: 5566 (Hex)0xC00215BE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to update CSR contents

Snmp Trap: hpevtCsrTestFailure - 5566 in HPIFPTRAP.MIB

Symptom: Bad hardware / replace suspect hardware

Windows Event Id: 5567 (Hex)0xC00215BF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This indicates the failure in collecting the Complex profile info.

Snmp Trap: hpevtPdMemGetIcmInfoFailed - 5567 in HPIFPTRAP.MIB

Symptom: The partition level memory interleaving cannot continue without the appropriate information.

Windows Event Id: 5568 (Hex)0xC00215C0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This chassis code indicates the failure in collecting the cell info.

Snmp Trap: hpevtPdMemGetCellInfoFailed - 5568 in HPIFPTRAP.MIB

Symptom: The partition level memory will fail.

Windows Event Id: 5569 (Hex)0xC00215C1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This indicates the failure in updating the GNI info of the cell with CLM.

Snmp Trap: hpevtPdMemUpdateCellGniFailed - 5569 in HPIFPTRAP.MIB

Symptom: The partition level memory will fail at this point.

Windows Event Id: 5570 (Hex)0xC00215C2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This indicates the failure in adjusting the mem info with Minimum ZI req.

Snmp Trap: hpevtPdMemAdjustMinZiFailed - 5570 in HPIFPTRAP.MIB

Symptom: This will cause the partition level memory to exit cell interleaving.

Windows Event Id: 5572 (Hex)0xC00215C4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Complex Profile A has a checksum error

Snmp Trap: hpevtStableProfileXsumError - 5572 in HPIFPTRAP.MIB

Symptom: Reconfigure the system get get a new complex profile distributed and reset.

Windows Event Id: 5573 (Hex)0x800215C5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A Checksum error was encountered in the dynamic profile

Snmp Trap: hpevtDynamicProfileXsumError - 5573 in HPIFPTRAP.MIB

Symptom: Push out a new complex profile and reset.

Windows Event Id: 5574 (Hex)0x800215C6 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A checksum error occurred on the Partitioin Profile.

Snmp Trap: hpevtPartitionProfileXsumError - 5574 in HPIFPTRAP.MIB

Symptom: Push out a new complex profile and reboot.

Windows Event Id: 5575 (Hex)0xC00215C7 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The Stable Complex Profile Sequence Id is invalid

Snmp Trap: hpevtStableProfileSeqidInvalid - 5575 in HPIFPTRAP.MIB

Symptom: Push out a new complex profile and reset the system. The cell will be waiting for reconfiguration.

Windows Event Id: 5577 (Hex)0x800215C9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The Dynamic Complex Profile Sequence ID is invalid

Snmp Trap: hpevtDynamicProfileSeqidInvalid - 5577 in HPIFPTRAP.MIB

Symptom: Push out a new complex profile.

Windows Event Id: 5578 (Hex)0xC00215CA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The Partition Profile Sequence ID is invalid

Snmp Trap: hpevtPartitionProfileSeqidInvalid - 5578 in HPIFPTRAP.MIB

Symptom: Push out a new complex profile and reset. The cell will be waiting for reconfiguration.

Windows Event Id: 5579 (Hex)0xC00215CB (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Internal Firmware Programming Error from the EFI portion of the firmware

Snmp Trap: hpevtEfiFwError - 5579 in HPIFPTRAP.MIB

Symptom: Report the IPF to the firmware team. Reset the system. This cannot be worked around in the field.

Windows Event Id: 5580 (Hex)0xC00215CC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The PD numbers in Group A and Group C of the complex profile are inconsistant.

Snmp Trap: hpevtCmplxProfilePdNumMismatch - 5580 in HPIFPTRAP.MIB

Symptom: Push out consistant Complex profiles and reset the system. The cell will be waiting for reconfiguration.

Windows Event Id: 5581 (Hex)0xC00215CD (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The PD number specified in the complex profile is out of range.

Snmp Trap: hpevtCmplxProfilePdNumInvalid - 5581 in HPIFPTRAP.MIB

Symptom: Reconfigure the partition number, push out a new profile and reset.

Windows Event Id: 5583 (Hex)0x800215CF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Could not obtain the crossbar port semaphore

Snmp Trap: hpevtXbcPortSm4Error - 5583 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5584 (Hex)0x800215D0 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Could not release the crossbar port semaphore.

Snmp Trap: hpevtXbcPortSm4NotReleased - 5584 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5594 (Hex)0xC00215DA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: BMC token upload failure

Snmp Trap: hpevtBootBmcTokenUploadFailure - 5594 in HPIFPTRAP.MIB

Symptom: A read from the BMC failed.

User Action: AC power cycle if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5595 (Hex)0x800215DB (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: NVM token access failure

Snmp Trap: hpevtBootNvmTokenAccessFailure - 5595 in HPIFPTRAP.MIB

Symptom: NVM Error, or incorrect permissions to read token.

User Action: Retry, AC power cycle if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5596 (Hex)0xC00215DC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: BMC token download failure

Snmp Trap: hpevtBootBmcTokenDownloadError - 5596 in HPIFPTRAP.MIB

Symptom: BMC Error.

User Action: AC power cycle if necessary, if problem persists contact your HP representative for support.for support.

Windows Event Id: 5597 (Hex)0xC00215DD (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error Writing BMC first boot token

Snmp Trap: hpevtBootErrorWritingFirstBootToken - 5597 in HPIFPTRAP.MIB

Symptom: BMC Error.

User Action: AC power cycle if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5598 (Hex)0x800215DE (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Fru Id read error

Snmp Trap: hpevtBootFruReadError - 5598 in HPIFPTRAP.MIB

Symptom: Error reading the motherboard FRU.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5599 (Hex)0x800215DF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Fru Id checksum error

Snmp Trap: hpevtBootFruXsumError - 5599 in HPIFPTRAP.MIB

Symptom: Error reading the motherboard FRU.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5600 (Hex)0x800215E0 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Fru Id version error

Snmp Trap: hpevtBootFruVersionError - 5600 in HPIFPTRAP.MIB

Symptom: Error reading the motherboard FRU.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5601 (Hex)0x800215E1 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Rom revision not equal to FIT revision

Snmp Trap: hpevtBootRomRevToFitRevWarning - 5601 in HPIFPTRAP.MIB

Symptom: A ROM Rev and FIT Rev do not match.

User Action: Update ROM, , if problem persists contact your HP representative for support.

Windows Event Id: 5602 (Hex)0x800215E2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: ROM revision not equal to Rev block

Snmp Trap: hpevtBootRomRevToRevBlockWarning - 5602 in HPIFPTRAP.MIB

Symptom: A ROM Rev and Rev Block do not match.

User Action: Update ROM, , if problem persists contact your HP representative for support.

Windows Event Id: 5603 (Hex)0x800215E3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Primary Fit bad

Snmp Trap: hpevtBootPrimaryFitBad - 5603 in HPIFPTRAP.MIB

Symptom: The FIT is bad.

User Action: Reboot, update ROM if necessary, if problem persists contact your HP representative for support.vrepresentative for support.

Windows Event Id: 5604 (Hex)0x800215E4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Secondary Fit bad

Snmp Trap: hpevtBootSecondaryFitBad - 5604 in HPIFPTRAP.MIB

Symptom: The FIT is bad.

User Action: Reboot, update ROM if necessary, if problem persists contact your HP representative for support.vrepresentative for support.

Windows Event Id: 5605 (Hex)0x800215E5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PAL A execution rom warning

Snmp Trap: hpevtBootPalARomWarning - 5605 in HPIFPTRAP.MIB

Symptom: PAL_A_ROM has generated a warning.

User Action: Reboot, update ROM if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5606 (Hex)0x800215E6 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PAL B execution rom warning

Snmp Trap: hpevtBootPalBRomWarning - 5606 in HPIFPTRAP.MIB

Symptom: PAL_B_ROM has generated a warning.

User Action: Reboot, update ROM if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5607 (Hex)0xC00215E7 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An error was encountered when firmware tried to update the Group B Profile

Snmp Trap: hpevtErrorUpdatingGroupBProfile - 5607 in HPIFPTRAP.MIB

Symptom: Utilities may be unavailable to update the profiles. Check the connections are reset.

Windows Event Id: 5617 (Hex)0x800215F1 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI parity error detected.

Snmp Trap: hpevtIoPciPerr - 5617 in HPIFPTRAP.MIB

Symptom: I/O bus parity error.

User Action: Consult the error logs for additional information. Determine and replace the failed I/O device.

Symptom: I/O host bridge failure.

User Action: Contact your HP representative to check the I/O host bridge.

Windows Event Id: 5618 (Hex)0x800215F2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PCI system error detected

Snmp Trap: hpevtIoPciSerr - 5618 in HPIFPTRAP.MIB

Symptom: I/O device failure.

User Action: Consult the error logs for additional information. Determine and replace the failed I/O device.

Symptom: I/O host bridge failure.

User Action: Contact your HP representative to check the I/O host bridge.

Windows Event Id: 5619 (Hex)0x800215F3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: I/O host bridge is deconfigured

Snmp Trap: hpevtIoCheckLbaDeconfigErr - 5619 in HPIFPTRAP.MIB

Symptom: See earlier error event.

User Action: See earlier error event.

Windows Event Id: 5621 (Hex)0xC00215F5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Firmware was unable to publish the Partition Profile

Snmp Trap: hpevtErrorUpdatingGroupCProfile - 5621 in HPIFPTRAP.MIB

Symptom: Utilities may be unavailable to update the profiles. Check the connections are reset.

Windows Event Id: 5622 (Hex)0xC00215F6 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The reporting cell is not configured to be in a PD.

Snmp Trap: hpevtCellNotInAPd - 5622 in HPIFPTRAP.MIB

Symptom: Run parmgr to configure the cell into a PD and reset the PD or add the cell.

Windows Event Id: 5623 (Hex)0x800215F7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: DIMM thermal loading order warning

Snmp Trap: hpevtMemDimmThermalLoadOrderWarn - 5623 in HPIFPTRAP.MIB

Symptom: The current DIMM loading order does not follow the guidelines in the user manual

User Action: Rearrange the DIMMs to follow the loading order specified in the Maintenance and Operational Manual

Windows Event Id: 5624 (Hex)0xC00215F8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The complex profile is not the same on all cells in the PD.

Snmp Trap: hpevtCmplxProfileMismatch - 5624 in HPIFPTRAP.MIB

Symptom: The Group A or Group C complex profiles didn't match on all cells in the partition.

User Action: Push out new complex profiles and reset.

Windows Event Id: 5626 (Hex)0xC00215FA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The PD cannot boot, a majority of cells did not arrive at Rendezvous

Snmp Trap: hpevtCellMajorityNotPresent - 5626 in HPIFPTRAP.MIB

Symptom: PD Rendezvous Boot Rules: If greater than 50% of the assigned cells are rendezvoused, we will boot.

   If less than 50% of the assigned cells are rendezvoused, don't boot.

   If exactly 50% of the assigned cells are rendezvoused, including all of the

   preferred core cells, we will boot.

   If exactly 50% have rendezvoused, and there is a specified preferred core cell not rendezvoused, don't boot.

   If exactly 50% have rendezvoused, and there are no preferred core cells, don't boot. If any of the above apply in preventing the boot. Reconfigure the PD and reboot.

Windows Event Id: 5630 (Hex)0x400215FE (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates that the cause of the INIT is a crash dump.

Snmp Trap: None

Symptom: It calls the OS INIT handler with the cause being set to the Crash Dump.

Windows Event Id: 5631 (Hex)0x400215FF (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MCA rendezvous is the reason for the INIT

Snmp Trap: None

Symptom: The cpu will join the rendezvous path of the MCA.

Windows Event Id: 5632 (Hex)0x40021600 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: SAL_INIT Monarch LID

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5633 (Hex)0x40021601 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: SAL_INIT initialized store

Snmp Trap: None

Symptom: Not Used

Windows Event Id: 5634 (Hex)0x40021602 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: INIT: Logging Processor State

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5636 (Hex)0x40021604 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: INIT: Rendezvous requested by OS

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5637 (Hex)0x40021605 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: INIT: Monarch sending slaves to rendezvous

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5638 (Hex)0x80021606 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: INIT: Monarch failed in slave rendezvous

Snmp Trap: hpevtInitRendezvousSlavesFail - 5638 in HPIFPTRAP.MIB

Symptom: A processor has failed rendezvous.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5639 (Hex)0x40021607 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: INIT: Monarch succeeded in slave rendezvous

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5640 (Hex)0x40021608 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: INIT: INIT timestamp

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5641 (Hex)0x40021609 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor bus check

Snmp Trap: None

Symptom: Bus Check

User Action: Analyze errorlog using diagnostics or EFI tools.

Windows Event Id: 5642 (Hex)0x4002160A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor cache check

Snmp Trap: None

Symptom: Cache Check

User Action: Analyze errorlog using diagnostics or EFI tools.

Windows Event Id: 5643 (Hex)0x4002160B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: SAL_CHECK monarch LID

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5644 (Hex)0x4002160C (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor IIP

Snmp Trap: None

Symptom: Machine Check

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5645 (Hex)0x4002160D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: SAL_CHECK initialized store

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5646 (Hex)0x8002160E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC: I/O error log/clear error

Snmp Trap: hpevtMcIoClearFail - 5646 in HPIFPTRAP.MIB

Symptom: SFW's Machine Check Handler was unable to log or clear I/O error records.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5647 (Hex)0x4002160F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor IPSR

Snmp Trap: None

Symptom: Machine Check

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5648 (Hex)0x40021610 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC: Logging I/O CEC

Snmp Trap: None

Symptom: SFW's Machine Check Handler is logging I/O information.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5649 (Hex)0x40021611 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC: Logging memory CEC

Snmp Trap: None

Symptom: SFW's Machine Check Handler is logging Memory information.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5650 (Hex)0x40021612 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC: Logging processor state

Snmp Trap: None

Symptom: SFW's Machine Check Handler is logging Processor information.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5651 (Hex)0x40021613 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor Mod Err Info Precise IP

Snmp Trap: None

Symptom: A Mod Error Info section of the error record has been generated.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5652 (Hex)0x40021614 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor Mod Err Info requestor ID

Snmp Trap: None

Symptom: A Mod Error Info section of the error record has been generated.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5653 (Hex)0x40021615 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor Mod Err Info responder ID

Snmp Trap: None

Symptom: A Mod Error Info section of the error record has been generated.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5654 (Hex)0x40021616 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor Mod Err Info target ID

Snmp Trap: None

Symptom: A Mod Error Info section of the error record has been generated.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5655 (Hex)0x80021617 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC: MCA to BERR escalation not supported by PAL

Snmp Trap: hpevtMcPalCantEscalateToBerr - 5655 in HPIFPTRAP.MIB

Symptom: Cannot escalate an MCA to BERR.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5656 (Hex)0x80021618 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC: MCA to BINIT escalation not supported by PAL

Snmp Trap: hpevtMcPalCantEscalateToBinit - 5656 in HPIFPTRAP.MIB

Symptom: Cannot escalate an MCA to BINIT.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5657 (Hex)0x80021619 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC: Get PAL features failed

Snmp Trap: hpevtMcPalGetFeatFail - 5657 in HPIFPTRAP.MIB

Symptom: SFW failed to get the feature set from PAL.

User Action: None

Windows Event Id: 5658 (Hex)0x8002161A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC: Previous PAL rendezvous failed; rebooting

Snmp Trap: hpevtMcPalRendFail - 5658 in HPIFPTRAP.MIB

Symptom: PAL Failed to rendezvous the processors during a MCA.

Windows Event Id: 5659 (Hex)0x8002161B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC: Set PAL features failed

Snmp Trap: hpevtMcPalSetFeatFail - 5659 in HPIFPTRAP.MIB

Symptom: SFW failed to get the feature set from PAL.

User Action: None

Windows Event Id: 5660 (Hex)0x4002161C (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI bus error CMD

Snmp Trap: None

Symptom: A PCI Bus Command Failed.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5661 (Hex)0x4002161D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI bus error status

Snmp Trap: None

Symptom: A PCI Bus Failed.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5662 (Hex)0x4002161E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI bus error type

Snmp Trap: None

Symptom: A PCI Bus Failed.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5663 (Hex)0x4002161F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI bus error ID

Snmp Trap: None

Symptom: A PCI Bus Failed.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5664 (Hex)0x40021620 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI bus requestor ID

Snmp Trap: None

Symptom: A PCI Bus Failed.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5665 (Hex)0x40021621 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI bus responder ID

Snmp Trap: None

Symptom: A PCI Bus Failed.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5666 (Hex)0x40021622 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI bus target ID

Snmp Trap: None

Symptom: A PCI Bus Failed.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5667 (Hex)0x40021623 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Pluto error first

Snmp Trap: None

Symptom: ZX1 has detected errors, and has filled out the error_first register.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5668 (Hex)0x40021624 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Pluto error overflow

Snmp Trap: None

Symptom: ZX1 has detected errors, and has filled out the error_ovfl register.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5669 (Hex)0x40021625 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Pluto error status

Snmp Trap: None

Symptom: ZX1 has detected errors, and has filled out the error_status register.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5670 (Hex)0x40021626 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: I/O rope number

Snmp Trap: None

Symptom: ZX1 has detected errors, and is logging rope information.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5671 (Hex)0x40021627 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Pluto Rope_N_Error

Snmp Trap: None

Symptom: ZX1 has detected errors, and has filled out a ROPE_N_ERROR register.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5672 (Hex)0x40021628 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC: Post process platform log

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5673 (Hex)0x40021629 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor PSP

Snmp Trap: None

Symptom: A MCA log has been generated with a vaild PSP.

User Action: Analyze Machine Check Logs using diagnostic tools and EFI tools.

Windows Event Id: 5674 (Hex)0x4002162A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor reg file check

Snmp Trap: None

Symptom: Not Used

Windows Event Id: 5675 (Hex)0x4002162B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC: Rendezvous requested by OS

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5676 (Hex)0x4002162C (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC: Monarch sending slaves to rendezvous

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5677 (Hex)0x8002162D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC: Monarch failed in slave rendezvous

Snmp Trap: hpevtMcRendezvousSlavesFail - 5677 in HPIFPTRAP.MIB

Symptom: A slave failed to rendezvous.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5678 (Hex)0x4002162E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC: Monarch succeeded in slave rendezvous

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5679 (Hex)0x8002162F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC_RENDEZVOUS: Rendezvous vector out of range

Snmp Trap: hpevtMcRendezBadVectRange - 5679 in HPIFPTRAP.MIB

Symptom: A bad rendezvous vector has been registered.

User Action: Reboot if necessary to re-register vector, if problem persists contact your HP representative for support.

Windows Event Id: 5680 (Hex)0x40021630 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor entering MC_RENDEZVOUS

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5681 (Hex)0x40021631 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor leaving MC_RENDEZVOUS

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5682 (Hex)0x80021632 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC_RENDEZVOUS: No MC monarch

Snmp Trap: hpevtMcRendezNoMonarch - 5682 in HPIFPTRAP.MIB

Symptom: Forward progress, no action required

Windows Event Id: 5683 (Hex)0x80021633 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC_RENDEZVOUS: No wakeup registered

Snmp Trap: hpevtMcRendezNoWakeup - 5683 in HPIFPTRAP.MIB

Symptom: Forward progress, no action required

Windows Event Id: 5684 (Hex)0x80021634 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC_RENDEZVOUS: MCA escalation not supported by PAL

Snmp Trap: hpevtMcRendezPalCantEscalate - 5684 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5685 (Hex)0x80021635 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC_RENDEZVOUS: Get PAL features failed

Snmp Trap: hpevtMcRendezPalGetFeatFail - 5685 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5686 (Hex)0x80021636 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MC_RENDEZVOUS: Set PAL features failed

Snmp Trap: hpevtMcRendezPalSetFeatFail - 5686 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5688 (Hex)0x40021638 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MC: MC timestamp

Snmp Trap: None

Symptom: Forward progress, no action required

Windows Event Id: 5689 (Hex)0x40021639 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor TLB check

Snmp Trap: None

Symptom: TLB Check

User Action: Analyze errorlog using diagnostics or EFI tools.

Windows Event Id: 5690 (Hex)0x4002163A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Processor microarch check

Snmp Trap: None

Symptom: Microarchitectural Check

User Action: Analyze errorlog using diagnostics or EFI tools.

Windows Event Id: 5692 (Hex)0xC002163C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Internal Firmware Programming Error from the EFI portion of the firmware

Snmp Trap: hpevtSalAbiFwError - 5692 in HPIFPTRAP.MIB

Symptom: Report the IP to the firmware team. Reset the system. This cannot be worked around in the field.

Windows Event Id: 5693 (Hex)0x4002163D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Multiple memory errors detected, starting retest

Snmp Trap: None

Symptom: Multiple memory errors during a single pass of the memory test.

User Action: None if system gets to EFI. If not, other events will be output to point the user to the failing DIMM.

Windows Event Id: 5694 (Hex)0x4002163E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Transient SBE promoted to permanent SBE in PDT

Snmp Trap: None

Symptom: Two or more SBE's to the same cacheline within 24 hours.

User Action: None.

Windows Event Id: 5695 (Hex)0x4002163F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Transient SBE aged out of the PDT

Snmp Trap: None

Symptom: The PDT table is full, and FW tries to add another entry. FW will overwrite the oldest transient SBE in the PDT with the new entry.

User Action: None.

Windows Event Id: 5696 (Hex)0xC0021640 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: memory extender loading order error

Snmp Trap: hpevtMemExtLoadOrdErr - 5696 in HPIFPTRAP.MIB

Symptom: The memory extenders have not been loaded in the correct order.

User Action: Load the Memory extenders according to the users manual.

Windows Event Id: 5698 (Hex)0xC0021642 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Inconsistency in the length of the ESI table

Snmp Trap: hpevtEfiEsiTableLengthErr - 5698 in HPIFPTRAP.MIB

Symptom: Table entries corrupted.

User Action: Reboot system.

Symptom: New table entry types added by SAL not understood by EFI.

User Action: Upgrade system firmware.

Windows Event Id: 5699 (Hex)0x40021643 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: ESI Table's expected length

Snmp Trap: None

Symptom: Table entries corrupted.

User Action: Reboot system.

Symptom: New table entry types added by SAL not understood by EFI.

User Action: Upgrade system firmware.

Windows Event Id: 5700 (Hex)0xC0021644 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The computed checksum for ESI Table incorrect.

Snmp Trap: hpevtEfiEsiTableChecksumErr - 5700 in HPIFPTRAP.MIB

Symptom: Table corrupted.

User Action: Reboot the system.

Symptom: Table's checksum miscomputed.

User Action: Upgrade system firmware.

Windows Event Id: 5701 (Hex)0x80021645 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: ESI Table contains an unsupported entry type.

Snmp Trap: hpevtEfiEsiTableUnsupportedEntryType - 5701 in HPIFPTRAP.MIB

Symptom: Corrupted table.

User Action: Reboot system.

Symptom: Mismatch between SAL and EFI.

User Action: Upgrade system firmware.

Windows Event Id: 5702 (Hex)0x40021646 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: First half of GUID data

Snmp Trap: None

Symptom: Forward progress or related to preceding error event, no action required.

Windows Event Id: 5703 (Hex)0x40021647 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Second half of a GUID data

Snmp Trap: None

Symptom: Forward progress or data for previous error event, no action required.

Windows Event Id: 5704 (Hex)0x80021648 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A GUID was larger than the expected 128 bits.

Snmp Trap: hpevtEfiGuidTooLarge - 5704 in HPIFPTRAP.MIB

Symptom: Inconsistency in EFI firmware.

User Action: Upgrade system firmware.

Windows Event Id: 5705 (Hex)0x40021649 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Source file line number within EFI codebase

Snmp Trap: None

Symptom: Forward progress or data for previous error event, no action required.

Windows Event Id: 5706 (Hex)0x4002164A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: First half of an EFI source filename

Snmp Trap: None

Symptom: Forward progress or data for preceding error event, no action required.

Windows Event Id: 5707 (Hex)0x4002164B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Second half of an EFI source filename

Snmp Trap: None

Symptom: Forward progress or data for previous error event, no action required.

Windows Event Id: 5708 (Hex)0xC002164C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI is halting

Snmp Trap: hpevtEfiHalt - 5708 in HPIFPTRAP.MIB

Symptom: Unknown.

User Action: examine preceding events for problem.

Windows Event Id: 5711 (Hex)0x8002164F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: chipspare not supported on quad

Snmp Trap: hpevtMemChipspareNotSupported - 5711 in HPIFPTRAP.MIB

Symptom: User installed a x8 DIMM in a system configured for chipspare.

User Action: If user requires Chipspare, replace the DIMM with a x4 DIMM. If Chipspare is not required, then no action is required.

Windows Event Id: 5712 (Hex)0x80021650 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI internal error detected resulting in execution of ASSERT macro

Snmp Trap: hpevtEfiAssertError - 5712 in HPIFPTRAP.MIB

Symptom: The cause is unknown. See previous events and console output for causes.

Windows Event Id: 5713 (Hex)0xC0021651 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI has executed the "break" shell command.

Snmp Trap: hpevtEfiEfiBreakpoint - 5713 in HPIFPTRAP.MIB

Symptom: Executing the "break command.

User Action: Check for user entering "break" command.

Check for shell scripts using the "break" command.

Windows Event Id: 5714 (Hex)0xC0021652 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI USB HCD interrupt service has detected the host controller is hung

Snmp Trap: hpevtEfiHcdHostHung - 5714 in HPIFPTRAP.MIB

Symptom: Problem with USB controller.

User Action: Reset the card containing the USB interface to restart the controller.

   Contact your HP representative to check the USB interface.

Windows Event Id: 5715 (Hex)0xC0021653 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The EFI/SAL handoff structure's version does not match EFI expectations

Snmp Trap: hpevtEfiSalHandoffVerMismatch - 5715 in HPIFPTRAP.MIB

Symptom: EFI/SAL firmware mismatch.

User Action: Upgrade System Firmware.

Windows Event Id: 5716 (Hex)0x40021654 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: EFI's expected value for the EFI/SAL handoff structure.

Snmp Trap: None

Symptom: EFI/SAL firmware mismatch.

User Action: Upgrade System Firmware.

Windows Event Id: 5717 (Hex)0xC0021655 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unable to obtain access to all RTC SAL services

Snmp Trap: hpevtEfiSalRtcServiceNotInit - 5717 in HPIFPTRAP.MIB

Symptom: Not all expected services are available.

   Mismatch between EFI and SAL versions.

Internal EFI error.

User Action: Upgrade system firmware.

Symptom: EFI unable to create internal event. EFI out of resources.

User Action: Reset system.

Windows Event Id: 5718 (Hex)0xC0021656 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unable to obtain access to all SAL timer services

Snmp Trap: hpevtEfiSalTimerServiceNotInit - 5718 in HPIFPTRAP.MIB

Symptom: Not all expected services are available Mismatch between EFI and SAL versions.

Internal EFI error.

User Action: Upgrade system firmware.

Windows Event Id: 5719 (Hex)0xC0021657 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI unable to start the periodic timer

Snmp Trap: hpevtEfiSalStarttimerServiceNotInit - 5719 in HPIFPTRAP.MIB

Symptom: Internal system firmware error.

User Action: Reset the system.

Symptom: Mismatch between EFI and SAL versions

User Action: Upgrade system firmware.

Windows Event Id: 5720 (Hex)0xC0021658 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: No I/O port space region found in the MDT

Snmp Trap: hpevtEfiNoIoPortSpaceRegionFound - 5720 in HPIFPTRAP.MIB

Symptom: EFI/SAL handoff structure corrupted.

User Action: Determine source of corruption and reboot.

Symptom: EFI/SAL mismatch.

User Action: Check system firmware versions and upgrade if necessary.

Windows Event Id: 5721 (Hex)0xC0021659 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI reached an unimplemented section of code

Snmp Trap: hpevtEfiBreakpoint - 5721 in HPIFPTRAP.MIB

Symptom: Reached unimplemented firmware.

User Action: Upgrade system firmware.

Windows Event Id: 5722 (Hex)0x8002165A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI unable to read current speedy boot settings

Snmp Trap: hpevtEfiSpeedyBootTokenNotRead - 5722 in HPIFPTRAP.MIB

Symptom: BMC not functioning.

User Action: Reset the BMC.   Contact your HP representative to check the BMC.

Symptom: BMC/SAL firmware mismatch.

User Action: Upgrade system firmware and/or BMC firmware.

Symptom: EFI/SAL version mismatch.

User Action: Upgrade system firmware.

Windows Event Id: 5723 (Hex)0xC002165B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unpermitted SAL callback attempted

Snmp Trap: hpevtEfiSalCallbackAttempted - 5723 in HPIFPTRAP.MIB

Symptom: Internal EFI error.

User Action: Upgrade system firmware.

Windows Event Id: 5724 (Hex)0x8002165C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI unable to determine frequency base of the CPU interval timer

Snmp Trap: hpevtEfiSalFreqBaseUnknown - 5724 in HPIFPTRAP.MIB

Symptom: Invalid timer ratio.

User Action: Reset system.

Symptom: Internal system firmware error.

User Action: Upgrade system firmware.

Windows Event Id: 5725 (Hex)0x8002165D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI system events already initialized

Snmp Trap: hpevtEfiSysEventAlreadyInit - 5725 in HPIFPTRAP.MIB

Symptom: Multiple attempts to initialize system events, EFI internal error.

User Action: Upgrade system firmware.

Windows Event Id: 5726 (Hex)0x8002165E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unable to create internal virtualization event while initializing IPMI events

Snmp Trap: hpevtEfiSysEventCreateEventFail - 5726 in HPIFPTRAP.MIB

Symptom: Out of resources. Internal EFI error.

User Action: Reboot system. Upgrade system firmware.

Windows Event Id: 5728 (Hex)0xC0021660 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: There was an error creating or initializing the FPGA node in firmware

Snmp Trap: hpevtFpgaNodeInitError - 5728 in HPIFPTRAP.MIB

Symptom: Unable to properly initialize a system firmware node

User Action: Check for other errors in the system first. Invalidate NVM and retry to boot.

Get the latest firmware release.

Windows Event Id: 5729 (Hex)0xC0021661 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error creating the pdh ioconfig node or attaching the service to it.

Snmp Trap: hpevtIoconfigNodeInitError - 5729 in HPIFPTRAP.MIB

Symptom: This is likely to be a symptom of an earlier problem, or the system is out of malloc space.

Windows Event Id: 5730 (Hex)0xC0021662 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error ecnountered setting up the dillon_pdh node or service.

Snmp Trap: hpevtDillonPdhNodeInitError - 5730 in HPIFPTRAP.MIB

Symptom: This is usually a symptom of an earlier problem. Check to be sure the pdh node was initialized into the tree correctly.

Windows Event Id: 5731 (Hex)0xC0021663 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The PDH component encountered an error dealing with a property on a node.

Snmp Trap: hpevtPdhPropertyError - 5731 in HPIFPTRAP.MIB

Symptom: This is usually due to a memory allocation problem. Verify that sram is usable and there is memory available.

Windows Event Id: 5732 (Hex)0xC0021664 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error creating the acpi_hw node.

Snmp Trap: hpevtPdhAcpihwNodeError - 5732 in HPIFPTRAP.MIB

Symptom: May be out of malloc space or a previous tree error prevented this from being successful. Check for earlier errors.

Windows Event Id: 5733 (Hex)0xC0021665 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error encountered creating or initializing the ipmi node

Snmp Trap: hpevtPdhIpmiNodeError - 5733 in HPIFPTRAP.MIB

Symptom: Possibly out of memory or an earlier error left the tree in an unusable state.

Windows Event Id: 5734 (Hex)0xC0021666 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: some processors not compatible

Snmp Trap: hpevtBootCpusNotCompatible - 5734 in HPIFPTRAP.MIB

Symptom: Replace processors with compatible ones if all processors are to be used.

Windows Event Id: 5735 (Hex)0xC0021667 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: caches sizes are inconsistent

Snmp Trap: hpevtBootCacheSizesInconsistant - 5735 in HPIFPTRAP.MIB

Symptom: Replace processors with compatible ones if all processors are to be used.

Windows Event Id: 5736 (Hex)0x80021668 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: processor steppings are not equal

Snmp Trap: hpevtBootCpuSteppingsNotEqual - 5736 in HPIFPTRAP.MIB

Symptom: If desired, replace processors with equal stepping ones, this is a warning only.

Windows Event Id: 5737 (Hex)0x80021669 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: selecting new monarch

Snmp Trap: hpevtBootSelectingNewMonarch - 5737 in HPIFPTRAP.MIB

Symptom: Replace incompatible processor if desired.

Windows Event Id: 5738 (Hex)0xC002166A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: monarch not lowest stepping

Snmp Trap: hpevtBootMonSelSteppingsNoEqual - 5738 in HPIFPTRAP.MIB

Symptom: Replace the processor with one that has an equal stepping to the others.

Windows Event Id: 5740 (Hex)0x8002166C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: processors are over clocked

Snmp Trap: hpevtBootCpuOverClocked - 5740 in HPIFPTRAP.MIB

Symptom: Change FSB frequency.

Windows Event Id: 5741 (Hex)0x8002166D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: cpu access error on processor info area

Snmp Trap: hpevtBootCpuInfoRomAccessError - 5741 in HPIFPTRAP.MIB

Symptom: An early version of CPU or a bad info ROM.

User Action: Replace CPU.

Windows Event Id: 5742 (Hex)0x8002166E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PAL A was not executed - HALT

Snmp Trap: hpevtBootPalANotExecuted - 5742 in HPIFPTRAP.MIB

Symptom: No Action.

Windows Event Id: 5743 (Hex)0xC002166F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PAL B was not executed - HALT

Snmp Trap: hpevtBootPalBNotExecuted - 5743 in HPIFPTRAP.MIB

Symptom: No Action.

Windows Event Id: 5744 (Hex)0x80021670 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Prototype CPU installed

Snmp Trap: hpevtBootProtoTypeCpuInstalled - 5744 in HPIFPTRAP.MIB

Symptom: A Prototype CPU is installed.

User Action: Replace CPU with a production CPU.

Windows Event Id: 5745 (Hex)0x80021671 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: final boot rendezvous monarch watchdog timeout

Snmp Trap: hpevtBootFinalRendezWatchdogFail - 5745 in HPIFPTRAP.MIB

Symptom: A watchdog timer has expired and determined that a monarch is dead.

User Action: Reboot, if problem persists, replace CPU.

Windows Event Id: 5746 (Hex)0xC0021672 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Supplemental cpu tests generated an unexpected result

Snmp Trap: hpevtCpuSupplementalTestFailed - 5746 in HPIFPTRAP.MIB

Symptom: A CPU failed supplemental selftests. Replace the offending CPU.

Windows Event Id: 5747 (Hex)0x80021673 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A multi-bit error was found while reading a XBC CSR

Snmp Trap: hpevtFabricReadMbeError - 5747 in HPIFPTRAP.MIB

Symptom: None.

Windows Event Id: 5748 (Hex)0x40021674 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: After reading a XBC CSR, the two slices read were different.

Snmp Trap: None

Symptom: None.

Windows Event Id: 5749 (Hex)0x80021675 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The return value from a function was an unknown value.

Snmp Trap: hpevtFabricUnexpectedStatus - 5749 in HPIFPTRAP.MIB

Symptom: None.

Windows Event Id: 5750 (Hex)0x80021676 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cannot get system ID status from BMC

Snmp Trap: hpevtEfiSysidBmcWarning - 5750 in HPIFPTRAP.MIB

Symptom: The communication with the system ID is lost

User Action: Unplug power from the system for 10 seconds and try rebooting the system.

Symptom: Inaccessible FRU EPROM on system board and/or I/O backplane.

Failure in IPMI messaging path on system board and/or I/O backplane

User Action: Check FRU EPROM content and accessibility on system and I/O backplane using ifru. If BMC communication is not working (no answer from BMC), flash BMC firmware. If it cannot be done or doesn't solve the problem, replace system board.

If system board FRU EPROM cannot be accessed, replace system board

If I/O backplane FRU EPROM cannot be accessed, replace I/O backplane

Windows Event Id: 5751 (Hex)0x80021677 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cannot read a system ID

Snmp Trap: hpevtEfiSysidBmcReadError - 5751 in HPIFPTRAP.MIB

Symptom: BMC failure

User Action: Unplug power from the system for 10 seconds and try rebooting the system.

Symptom: Inaccessible/corrupted FRU EPROM on system board and/or I/O backplane.

User Action: Check content of FRU EPROM of the system board and I/O backplane using ifru.

If FRU EPROM content can be accessed on both board flash BMC firmware.

If content cannot be accessed on system board replace system board.

If content cannot be accessed on I/O backplane, replace I/O backplane

If this cannot be done or doesn't solve the issue replace system board.

Windows Event Id: 5752 (Hex)0x80021678 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to write new system ID. BMC reported an error

Snmp Trap: hpevtEfiSysidBmcWriteError - 5752 in HPIFPTRAP.MIB

Symptom: Communication failure with the BMC.

User Action: Unplug power from the system for 10 seconds and try rebooting the system.

Symptom: Inaccessible/corrupted FRU EPROM on system board and/or I/O backplane.

Inaccessible/corrupted FRU EPROM on system board and/or I/O backplane.

User Action: Check content of FRU EPROM of the system board and I/O backplane using ifru.

If FRU EPROM content can be accessed on both board flash BMC firmware.

If content cannot be accessed on system board replace system board.

If content cannot be accessed on I/O backplane, replace I/O backplane

If it cannot be done or doesn't solve the issue replace system board.

Windows Event Id: 5753 (Hex)0x80021679 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The system ID(s) currently in the system is invalid

Snmp Trap: hpevtEfiSysidInvalid - 5753 in HPIFPTRAP.MIB

Symptom: The system ID(s) is invalid and the user did not elect to fix the problem.

User Action: Reboot the system and follow the prompts to fix the issue.

Symptom: The system ID(s) cannot be accessed or the BMC is not providing the requested information. One of the following events will also be present:
EFI_SYSID_BMC_WARNING, EFI_SYSID_BMC_READ_ERROR or
EFI_SYSID_BMC_WRITE_ERROR

User Action: Fix the error indicated by the other system ID event.

Windows Event Id: 5754 (Hex)0x4002167A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: One or more invalid system ID has been corrected

Snmp Trap: None

Symptom: Informational only. No action required.

Windows Event Id: 5755 (Hex)0xC002167B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI unable to find the SAL services for installing interrupt handlers

Snmp Trap: hpevtEfiRtIvtEsiTableErr - 5755 in HPIFPTRAP.MIB

Symptom: Mismatch between EFI and SAL.

User Action: Upgrade system firmware.

Symptom: Corrupted ESI table.

User Action: Reboot system.

Windows Event Id: 5756 (Hex)0xC002167C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI unable to find the SAL service to install run-time interrupt handlers

Snmp Trap: hpevtEfiRtIvtEsiQueryErr - 5756 in HPIFPTRAP.MIB

Symptom: Mismatch between EFI and SAL.

User Action: Upgrade system firmware.

Windows Event Id: 5757 (Hex)0xC002167D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI unable to find the SAL services for installing interrupt handlers

Snmp Trap: hpevtEfiBootIvtEsiTableErr - 5757 in HPIFPTRAP.MIB

Symptom: Mismatch between EFI and SAL.

User Action: Upgrade system firmware.

Symptom: Corrupted firmware table.

User Action: Find source of corruption and reboot.

Windows Event Id: 5758 (Hex)0xC002167E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI unable to find the SAL service to install boot-time interrupt handlers

Snmp Trap: hpevtEfiBootIvtEsiQueryErr - 5758 in HPIFPTRAP.MIB

Symptom: Mismatch between EFI and SAL.

User Action: Upgrade system firmware.

Windows Event Id: 5760 (Hex)0x80021680 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Too many parameters were passed to the utilities system

Snmp Trap: hpevtUtilitiesParmListTooLarge - 5760 in HPIFPTRAP.MIB

Symptom: This is a firmware error. Contact FW engineering.

Windows Event Id: 5762 (Hex)0xC0021682 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A crossbar port is unexpectedly not present.

Snmp Trap: hpevtXbcPortPresenceError - 5762 in HPIFPTRAP.MIB

Symptom: An XBC is indicating a port failure

User Action: Validate all of the cells connectivity to the PD

Check the TOGO chips seating

reset the system

replace either cells/system backplane

Windows Event Id: 5763 (Hex)0xC0021683 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A crossbar port unexpectedly has its HW_LINK_OK bit not set.

Snmp Trap: hpevtXbcPortHwLinkError - 5763 in HPIFPTRAP.MIB

Symptom: An XBC is indicating a port failure

User Action: Validate all of the cells connectivity to the PD

Check the TOGO chips seating

reset the system

replace either cells/system backplane

Windows Event Id: 5764 (Hex)0xC0021684 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A connected port was found to be in FE

Snmp Trap: hpevtXbcPortFeError - 5764 in HPIFPTRAP.MIB

An XBC is indicating a port failure

User Action: Validate all of the cells connectivity to the PD

Check the TOGO chips seating

reset the system

replace either cells/system backplane

Windows Event Id: 5766 (Hex)0xC0021686 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: There was an error while initializing the Concorde-Xbc interface.

Snmp Trap: hpevtXinLinkInitError - 5766 in HPIFPTRAP.MIB

Symptom: An XBC is indicating a port failure

User Action: Validate all of the cells connectivity to the PD. Check the TOGO chips seating.

Reset the system. Replace either cells/system backplane.

Windows Event Id: 5767 (Hex)0xC0021687 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The CC - XBC link failed to initialize.

Snmp Trap: hpevtXinLinkInitFailed - 5767 in HPIFPTRAP.MIB

Symptom: An XBC is indicating a port failure

User Action: Validate all of the cells connectivity to the PD. Check the TOGO chips seating.

Reset the system. Replace either cells/system backplane.

Windows Event Id: 5768 (Hex)0x80021688 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unable to determine system mode because EFI/SAL interface not initialized

Snmp Trap: hpevtEfiGetMfgModeNotInit - 5768 in HPIFPTRAP.MIB

Symptom: Internal EFI error.

User Action: Upgrade system firmware.

Windows Event Id: 5769 (Hex)0x80021689 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: BMC returned an invalid system mode

Snmp Trap: hpevtEfiBmcMfgModeInvalid - 5769 in HPIFPTRAP.MIB

Symptom: Mismatch between BMC and EFI firmware.

User Action: Upgrade system firmware or BMC firmware as necessary.

Windows Event Id: 5770 (Hex)0x8002168A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI unable to specify system mode because EFI/SAL interface not initialized

Snmp Trap: hpevtEfiEnterMfgModeNotInit - 5770 in HPIFPTRAP.MIB

Symptom: Internal EFI error.

User Action: Upgrade system firmware.

Windows Event Id: 5771 (Hex)0x8002168B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unable to enter normal system mode because EFI/SAL interface not initialized

Snmp Trap: hpevtEfiExitMfgModeNotInit - 5771 in HPIFPTRAP.MIB

Symptom: Internal EFI error.

User Action: Upgrade system firmware.

Windows Event Id: 5772 (Hex)0xC002168C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unable to initialize part of the SAL/EFI interface

Snmp Trap: hpevtEfiTaccessServiceNotInit - 5772 in HPIFPTRAP.MIB

Symptom: Incompatible versions of EFI and SAL. Internal EFI error.

User Action: Upgrade system firmware.

Windows Event Id: 5774 (Hex)0xC002168E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An expected tree node was not found

Snmp Trap: hpevtTreeNodeNotFound - 5774 in HPIFPTRAP.MIB

Symptom: This is a bug. Contact engineering.

Windows Event Id: 5776 (Hex)0x80021690 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI unable to modify system state to "running"

Snmp Trap: hpevtEfiSystemStateRunningErr - 5776 in HPIFPTRAP.MIB

Symptom: BMC malfunctioning.

User Action: Reset BMC.

Symptom: BMC non functional.

User Action: Contact your HP representative to check the BMC.

Windows Event Id: 5777 (Hex)0x80021691 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: /options settings for CPUBusConfigValue aren't compatible with PAL

Snmp Trap: hpevtPalBusConfigIncompatible - 5777 in HPIFPTRAP.MIB

Symptom: Update the /options value to comply with the desired features and what is supported.

Windows Event Id: 5778 (Hex)0x80021692 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The Get Processor Bus Dependent Configuration Features PAL call failed.

Snmp Trap: hpevtPalGetBusFeaturesFailed - 5778 in HPIFPTRAP.MIB

Symptom: Contact engineering. There is a PAL compatibility problem.

Windows Event Id: 5779 (Hex)0x80021693 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: memory DIMM pair mismatch

Snmp Trap: hpevtMemDimmPairMismatch - 5779 in HPIFPTRAP.MIB

Symptom: The user installed a mismatched pair of DIMMs in the same rank (ie the DIMMs are different size or width).

User Action: Install memory ranks in pairs of DIMMs that are the same size and width.

Windows Event Id: 5782 (Hex)0x40021696 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: A cell attempted to landmine a different cell's XBC-CC port.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 5784 (Hex)0xC0021698 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI unable to initialize internal library

Snmp Trap: hpevtEfiPosseLibNotInit - 5784 in HPIFPTRAP.MIB

Symptom: Internal EFI error.

User Action: Upgrade system firmware.

Windows Event Id: 5785 (Hex)0xC0021699 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI unable to initialize security system

Snmp Trap: hpevtEfiSecurityNotInit - 5785 in HPIFPTRAP.MIB

Symptom: EFI out of resources.

User Action: Reboot system.

Symptom: SAL or EFI mismatch/failure.

User Action: Upgrade system firmware.

Symptom: BMC not responding properly.

User Action: Reset BMC. Contact your HP representative to check the BMC.

Windows Event Id: 5786 (Hex)0x8002169A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI detected invalid internal privilege level

Snmp Trap: hpevtEfiSecInvalidSysmode - 5786 in HPIFPTRAP.MIB

Symptom: SAL storage corrupted.

User Action:Reboot system.

Symptom: Invalid argument with EFI.

User Action: Upgrade system firmware.

Windows Event Id: 5787 (Hex)0x8002169B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI detected invalid privilege level when setting password

Snmp Trap: hpevtEfiSecSetPassLevelErr - 5787 in HPIFPTRAP.MIB

Symptom: Internal EFI error.

User Action: Upgrade system firmware.

Windows Event Id: 5788 (Hex)0xC002169C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: EFI MDT table is bad

Snmp Trap: hpevtMdtBad - 5788 in HPIFPTRAP.MIB

Symptom: SFW has determined that the MDT table is invalid.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5789 (Hex)0x4002169D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Setting core frequency to lowest installed CPU

Snmp Trap: None

Symptom: The system cannot determine what the previous frequency was, or a slower CPU has been installed.

User Action: None.

Windows Event Id: 5790 (Hex)0x8002169E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Processor has incompatible fixed core ratio

Snmp Trap: hpevtBootCpuBadCoreFixedRatio - 5790 in HPIFPTRAP.MIB

Symptom: A CPU has a different fixed ration than the FSB frequency set in the chipset.

User Action: Replace CPU

Windows Event Id: 5791 (Hex)0xC002169F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: All processors slated for compatibility deconfiguration

Snmp Trap: hpevtBootAllCpusSlatedForCompatDeconfig - 5791 in HPIFPTRAP.MIB

Symptom: The user or SFW has set all CPUs to be deconfigured.

User Action: Replace bad processors, if problem persists contact your HP representative for support.

Windows Event Id: 5793 (Hex)0xC00216A1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An unexpected or invalid value was read from a crossbar remote route table.

Snmp Trap: hpevtXbcReadRemoteRouteError - 5793 in HPIFPTRAP.MIB

Symptom: An XBC is indicating a port failure

User Action: Validate all of the cells connectivity to the PD. Check the TOGO chips seating. Reset the system. Replace either cells/system backplane.

Windows Event Id: 5794 (Hex)0xC00216A2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error reading the PORT[n]_NEIGHBOR_INFO XBC CSR.

Snmp Trap: hpevtXbcReadNeighborInfoError - 5794 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5795 (Hex)0x800216A3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: memory DIMM quad mis-match

Snmp Trap: hpevtMemDimmQuadMismatch - 5795 in HPIFPTRAP.MIB

Symptom: The user installed a mismatched quad of DIMMs in the same rank (ie the DIMMs are different size or width).

User Action: Install memory ranks in quads of DIMMs that are the same size and width.

Windows Event Id: 5796 (Hex)0x800216A4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Firmware detected excessive errors on the DIMM.

Snmp Trap: hpevtMemDimmFailed - 5796 in HPIFPTRAP.MIB

Symptom: Firmware detected excessive errors on the DIMM / Replace the specified DIMM

Windows Event Id: 5797 (Hex)0xC00216A5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The OE (output enable) bit was not set for a XBC port.

Snmp Trap: hpevtXbcPortOeError - 5797 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5798 (Hex)0xC00216A6 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An error occurred while trying to read the PORT_STATUS CSR for a XBC port.

Snmp Trap: hpevtXbcPortStatusError - 5798 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5799 (Hex)0xC00216A7 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A XBC port was unexpectedly found to be landmined.

Snmp Trap: hpevtXbcPortLandmined - 5799 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5800 (Hex)0xC00216A8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: CPUs running at different speeds were detected during rendezvous

Snmp Trap: hpevtPdIncompatibleCpuSpeeds - 5800 in HPIFPTRAP.MIB

Symptom: Reconfigure the PD so that all cells have processors running at the same speed.

Windows Event Id: 5802 (Hex)0xC00216AA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The link between the local CC and the local XBC is unexpectedly not initialized.

Snmp Trap: hpevtFabricCellLinkNotInit - 5802 in HPIFPTRAP.MIB

Symptom: An error initializing fabric

User Action: A previously reported event may provide exact details Reboot, if failure persists, then either replace the CC chip or the system backplane.

Windows Event Id: 5803 (Hex)0xC00216AB (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An invalid XBC number was given.

Snmp Trap: hpevtFabricInvalidXbcNum - 5803 in HPIFPTRAP.MIB

Symptom: A bad value was passed in as a parameter to fabric traversability functions. No action required.

Windows Event Id: 5804 (Hex)0xC00216AC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An invalid XBC port number was given.

Snmp Trap: hpevtFabricInvalidXbcPortNum - 5804 in HPIFPTRAP.MIB

Symptom: A bad value was passed in as a parameter to fabric traversability functions. No action required.

Windows Event Id: 5805 (Hex)0x800216AD (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A bad parameter was passed to the LED function in the utilities component

Snmp Trap: hpevtUtilitiesLedParamError - 5805 in HPIFPTRAP.MIB

Symptom: Contact FW engineering. This is a bug.

Windows Event Id: 5806 (Hex)0xC00216AE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An unexpected neighbor type was read from a XBC PORT_NEIGHBOR_INFO CSR.

Snmp Trap: hpevtFabricUnexpectedNtype - 5806 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5807 (Hex)0xC00216AF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A given XBC port is not a valid XBC-CC port.

Snmp Trap: hpevtFabricPortNotCc - 5807 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5808 (Hex)0xC00216B0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A XBC port was unexpectedly found to be an invalid XBC-XBC port.

Snmp Trap: hpevtFabricPortNotXbc - 5808 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5809 (Hex)0xC00216B1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The XBC neighbor chip number does not match the expected value for this topology

Snmp Trap: hpevtFabricUnexpectedNChip - 5809 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5810 (Hex)0xC00216B2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The XBC neighbor port number does not match the expected value for this topology

Snmp Trap: hpevtFabricUnexpectedNPort - 5810 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 5811 (Hex)0xC00216B3 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Write through to BMC token failed

Snmp Trap: hpevtBootNvmWriteToBmcTokenFailure - 5811 in HPIFPTRAP.MIB

Symptom: Problem accessing the BMC.

User Action: Reset BMC or reboot, if problem persists contact your HP representative for support.

Windows Event Id: 5812 (Hex)0x800216B4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Utilities reported an error while trying to manipulate the LED

Snmp Trap: hpevtUtilitiesLedError - 5812 in HPIFPTRAP.MIB

Symptom: It is likely the GSP is not present or the device specified is not present. Solve these problems and try again.

Windows Event Id: 5813 (Hex)0xC00216B5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Duplicate Cpu Ids were dectected within a cell.

Snmp Trap: hpevtDuplicateCpuIds - 5813 in HPIFPTRAP.MIB

Symptom: Most likely cause is a bad cpu module connection on the cell board.   Replace the cell board.

Windows Event Id: 5823 (Hex)0x800216BF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: OS crashdump started (D700)

Snmp Trap: hpevtHp-uxCrashdumpStarted - 5823 in HPIFPTRAP.MIB

Symptom: panic occurred

Windows Event Id: 5824 (Hex)0xC00216C0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: OS legacy PA hex fault code (Bxxx)

Snmp Trap: hpevtHp-uxHexFaultCode - 5824 in HPIFPTRAP.MIB

Symptom: fault/panic

Windows Event Id: 5825 (Hex)0x800216C1 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: OS dump status (EFxx)

Snmp Trap: hpevtHp-uxDumpStatus - 5825 in HPIFPTRAP.MIB

Symptom: panic path: attempt to write out the dump is complete

Windows Event Id: 5827 (Hex)0x800216C3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Setting processor response timeout failed

Snmp Trap: hpevtSettingProcTimeoutFail - 5827 in HPIFPTRAP.MIB

Symptom: A PAL call made by SFW has failed.

User Action: Reboot if necessary, if problem persists contact your HP representative for support.

Windows Event Id: 5831 (Hex)0x400216C7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Deallocated page 0 PDT entries were demoted

Snmp Trap: None

Symptom: FW detected deallocated PDT entries below 1MB and demoted them to transient SBE's.

User Action: None.

Windows Event Id: 5832 (Hex)0x800216C8 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unable to validate blank password during EFI security initialization

Snmp Trap: hpevtEfiSecInitVerifyErr - 5832 in HPIFPTRAP.MIB

Symptom: SAL failed.

User Action: Reset the system. Upgrade system firmware.

Symptom: BMC failed.

User Action: Reset the BMC. Contact your HP representative to check the BMC.

Windows Event Id: 5833 (Hex)0x800216C9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unable to enter Guest mode during EFI security initialization

Snmp Trap: hpevtEfiSecInitCloseErr - 5833 in HPIFPTRAP.MIB

Symptom: SAL failure.

User Action: Reset the system. Upgrade system firmware.

Symptom: BMC failure.

User Action: Reset the BMC. Contact your HP representative to check the BMC.

Windows Event Id: 5834 (Hex)0x800216CA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unable to increase privilege during EFI security initialization

Snmp Trap: hpevtEfiSecInitOpenErr - 5834 in HPIFPTRAP.MIB

Symptom: SAL failure.

User Action: Reset the system. Upgrade system firmware.

Symptom: BMC failure.

User Action: Reset the BMC. Contact your HP representative concerning the BMC.

Windows Event Id: 5835 (Hex)0x400216CB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: EFI assuming privilege level after BMC failure

Snmp Trap: None

Symptom: SAL failure.

User Action: Reset the system. Upgrade system firmware.

Symptom: BMC failure.

User Action: Reset the BMC. Contact your HP representative to check the BMC.

Windows Event Id: 5836 (Hex)0x800216CC (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI unable to write privilege level during security initialization

Snmp Trap: hpevtEfiSecInitWriteErr - 5836 in HPIFPTRAP.MIB

Symptom: SAL failure.

User Action: Reboot the system. Upgrade system firmware.

Windows Event Id: 5837 (Hex)0x800216CD (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI was denied permission to write the privilege level during security init

Snmp Trap: hpevtEfiSecInitWriteDenied - 5837 in HPIFPTRAP.MIB

Symptom: SAL is not in ADMIN or USER mode.

User Action: Reboot the system. Upgrade system firmware.

Windows Event Id: 5853 (Hex)0x800216DD (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: OS dump, error writing image area to disk (E055)

Snmp Trap: hpevtHp-uxDumpWriteError - 5853 in HPIFPTRAP.MIB

Symptom: panic path forward progress

Windows Event Id: 5896 (Hex)0xC0021708 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Coherency controller (CC) registers indicate a Deadlock Recovery Reset

Snmp Trap: hpevtErrDeadlockResetDetected - 5896 in HPIFPTRAP.MIB

Symptom: Coherency controller (CC) resources are deadlocked and the CC is resetting the cell.

User Action: Analyze the Deadlock Recovery logs (like MCA logs) to determine the cause of the failure.

Windows Event Id: 6069 (Hex)0x400217B5 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: An error was found during DIMM distribution check

Snmp Trap: None

Symptom: Installation of DIMMs in a cell is incorrect

User Action: Check and reinstall DIMMS in cell

Windows Event Id: 6074 (Hex)0xC00217BA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A DIMM loading order error has occurred

Snmp Trap: hpevtMemDimmLoadOrdErr - 6074 in HPIFPTRAP.MIB

Symptom: Incorrect loading of the DIMMs on the cell

User Action: Install the DIMMs in the correct order. DIMMs are installed in ranks of DIMMs, starting with DIMM 0A, 0B, etc. Subsequent ranks are loaded in ascending order, i.e., rank 1, 2, 3, 4, 5, 6 and 7.

Windows Event Id: 6146 (Hex)0x80021802 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Refresh Control Error Timeout

Snmp Trap: hpevtMemRefreshStartError - 6146 in HPIFPTRAP.MIB

Symptom: At start of memory refresh, timing out waiting for ready bit to be set

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 6180 (Hex)0x80021824 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: memory extender/baseboard FRU mismatch

Snmp Trap: hpevtMemExtBaseboardIncompatible - 6180 in HPIFPTRAP.MIB

Symptom: Memory extender and baseboard are incompatible

User Action: Contact HP support to troubleshoot the problem

Windows Event Id: 6260 (Hex)0xC0021874 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A hardware failure with a PDH Raiser Card's "hardware" semaphore register

Snmp Trap: None

Symptom: A hardware failure with a PDH Raiser Card's "hardware" semaphore register.

User Action: Contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 6730 (Hex)0xC0021A4A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Fabric topology mismatch with XBCs in complex

Snmp Trap: hpevtFabricDifferentTopologies - 6730 in HPIFPTRAP.MIB

Symptom: There is a fabric topology mismatch with XBC in complex.

User Action: Contact HP Support personnel to analyze the cell, XBC flex cables, system backplane

Windows Event Id: 6795 (Hex)0xC0021A8B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An invalid XBC to XBC port was found.

Snmp Trap: hpevtFabricInvalidXbc2XbcPort - 6795 in HPIFPTRAP.MIB

Symptom: Loss of Lockstep

User Action: Reset

Windows Event Id: 7652 (Hex)0x80021DE4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Could not get neighbor information.

Snmp Trap: hpevtFabricGetNeighborInfoError - 7652 in HPIFPTRAP.MIB

Symptom: Defective XBC link. Defective XBC

User Action: Check XBC link connections.   Reset the system backplane.

Contact HP Support personnel to troubleshoot problem

Windows Event Id: 7653 (Hex)0xC0021DE5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The XBC's routing state was marked as in ERROR

Snmp Trap: hpevtXbcRoutingErrorState - 7653 in HPIFPTRAP.MIB

Symptom: Another cell already attempted routing for the XBC and found an error.

User Action:Check for hardware failure: flex cables, crossbar chip, etc.

Windows Event Id: 7655 (Hex)0x80021DE7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: It indicates that there is no NVM error space left for logging an Error Event.

Snmp Trap: hpevtNoNvmErrLogSpace - 7655 in HPIFPTRAP.MIB

Symptom: The error event will not be logged.

Windows Event Id: 7657 (Hex)0xC0021DE9 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An XBC port found to have an unexpected error.

Snmp Trap: hpevtXbcPortError - 7657 in HPIFPTRAP.MIB

Symptom: A port was landmined so it had to be routed around.

User Action: Check flex cables

Windows Event Id: 7658 (Hex)0xC0021DEA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A XBC port route around has occurred

Snmp Trap: hpevtXbcPortRouteAround - 7658 in HPIFPTRAP.MIB

Symptom: During routing, when a XBC to XBC port is found to be in error, or was previously marked in error, it is routed around. This chassis code indicates that which XBC port was routed around.

User Action: Reset the system backplane to clear the error If the suspect XBC port uses a flex cable, check / replace the flex cable and then the system backplane(s) involved. If the suspect XBC port uses the hardwire link built into the system backplane, replace the system backplane involved.

Windows Event Id: 7660 (Hex)0x80021DEC (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: During routing a crossbar is found to be in an uexpected routing state.

Snmp Trap: hpevtXbcUnexpectedState - 7660 in HPIFPTRAP.MIB

Symptom: An XBC is indicating a port failure

User Action: Validate all of the cells connectivity to the PD. Check the TOGO chips seating. Reset the system. Replace either cells/system backplane.

Windows Event Id: 7661 (Hex)0x80021DED (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An unexpected XBC forward progress state was continually found until timing out.

Snmp Trap: hpevtXbcRoutingStateTimeout - 7661 in HPIFPTRAP.MIB

Symptom: An XBC is indicating a port failure

User Action: Validate all of the cells connectivity to the PD. Check the TOGO chips seating.

Reset the system either cells/system. Replace the backplane.

Windows Event Id: 7663 (Hex)0xC0021DEF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: During remote routing, the current port's neighbor is not healthy.

Snmp Trap: hpevtXbcNeighborPortNotRoutable - 7663 in HPIFPTRAP.MIB

Symptom: An XBC port is not healthy.

User Action: Check for hardware failure: flex cables, crossbar chips, etc.

Windows Event Id: 7664 (Hex)0xC0021DF0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The CC to XBC link is not viable.

Snmp Trap: hpevtFabricCcToXbcError - 7664 in HPIFPTRAP.MIB

Symptom: The CC to XBC link is not operational.

User Action: Reset the cell. Reset the system backplane

Contact HP Support personnel to troubleshoot problem

Windows Event Id: 7666 (Hex)0xC0021DF2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Remote routing a crossbar failed.

Snmp Trap: hpevtFabricRouteXbcError - 7666 in HPIFPTRAP.MIB

Symptom: A failure was encountered while performing remote routing on an XBC, most likely due to a problem with the system backplane or local cell.

User Action: Check for hardware failure: CC, XBC to CC link, flex cables, crossbar chip, etc.

Windows Event Id: 7667 (Hex)0xC0021DF3 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Too many XBC-to-XBC were broken in the complex.

Snmp Trap: hpevtFabricMaxBrokenLinks - 7667 in HPIFPTRAP.MIB

Symptom: Port status indicated that two or more ports on a XBC had errors.

User Action: Check for hardware failure: flex cables, crossbar chip, etc.

Windows Event Id: 7669 (Hex)0xC0021DF5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This cell did not get the XBC Global Semaphore.

Snmp Trap: hpevtXbcSemaphoreTakeoverFailed - 7669 in HPIFPTRAP.MIB

Symptom: Another cell won the race and got the semaphore before this cell. This would be apparent in chassis codes.

A1: None.

Symptom: XBC write or read failure.

A2: check XBC, check link, check CC

Windows Event Id: 7671 (Hex)0xC0021DF7 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Attempted an XBC SM4 takeover and timed out trying to unlock the SM4.

Snmp Trap: hpevtXbcForceUnlockSm4Timeout - 7671 in HPIFPTRAP.MIB

Symptom: Cannot takeover an XBC semaphore that has been held for a long time. Try forcing firmware to reroute the fabric by cycling 48V power on the cabinets.Look for other fabric chassis codes that explain why the current owner of the SM4 was unable to release it.

Windows Event Id: 7673 (Hex)0xC0021DF9 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Waiting for the XBC Global Semaphore has timed out.

Snmp Trap: hpevtXbcGetGlobalSm4Timeout - 7673 in HPIFPTRAP.MIB

Symptom: XBC Key Contention. Hardware Failure

User Action: Look for other chassis codes that indicate XBC Key contention.

Check XBC. Check Links/Flex Cables

Windows Event Id: 7674 (Hex)0xC0021DFA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A timeout occurred while attempting to release the XBC semaphore.

Snmp Trap: hpevtXbcReleaseSm4Timeout - 7674 in HPIFPTRAP.MIB

Symptom: XBC Key Contention.

Hardware Failure

User Action: Look for additional chassis codes that would explain the failure Check XBC. Check Link/Flex Cables

Windows Event Id: 7682 (Hex)0x40021E02 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Management Processor Firmware Selftest Result

Snmp Trap: None

Symptom: The firmware logs this event when it has completed booting. There is no action to take.

Windows Event Id: 7683 (Hex)0x40021E03 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Management Processor Firmware Soft Reset occurred.

Snmp Trap: None

Symptom: A soft reset occurred. There is no immediate action to take. If an error occurred, there will likely be another event with the associated error information logged.

Windows Event Id: 7684 (Hex)0x80021E04 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Management Processor Firmware Battery Failure or NVRAM change

Snmp Trap: hpevtMpBatteryFailure - 7684 in HPIFPTRAP.MIB

Symptom: Determine if the firmware was recently upgraded. This is often the reason for the NVRAM to change. If not, and the A/C power has been removed, than it's possible the battery is indeed going bad and would need to be replaced.

Windows Event Id: 7685 (Hex)0x80021E05 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Management Processor Firmware Software Error

Snmp Trap: hpevtMpSoftwareError - 7685 in HPIFPTRAP.MIB

Symptom: A software error was detected and is being logged. The internal data is connected to the location and module where the error occurred. The Forward Progress Log will receive additional (lower alert level) event entries with more data associated with this event.

Windows Event Id: 7686 (Hex)0x80021E06 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Management Processor detected an I2C Communication Error with BMC.

Snmp Trap: hpevtMpI2cCommError - 7686 in HPIFPTRAP.MIB

Symptom: An I2C Communication failure with the Baseboard Management Controller was detected. Without I2C communication, the system cannot be powered on/off or reset. Check the I2C communication via the 'SR' command or the 'PS' command. If it is indeed down, look for hardware reasons. It's possible resetting the Management Processor firmware ("XD" command option 'r') or completely cycling AC power of the system will restore the communication.

Windows Event Id: 7687 (Hex)0x40021E07 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Management Processor Firmware CE Text Entry

Snmp Trap: None

Symptom: The "CE" command was used to log a text entry into the logs. The first 8 bytes are sent to the System Event Log (Informational). Up to 24 more bytes are sent to the Forward Progress Log with an "ADDITIONAL_DATA" type.

Windows Event Id: 7690 (Hex)0xC0021E0A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A CRC error was discovered when verifying the ROM

Snmp Trap: hpevtRomCrcError - 7690 in HPIFPTRAP.MIB

Symptom: Either the ROM was programmed incorrectly or has gone bad. Reprogram the Flash on the cell board.

Windows Event Id: 7718 (Hex)0x80021E26 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: (HWE) IO backplane type unknown

Snmp Trap: hpevtIoIdentifyIoBpFailed - 7718 in HPIFPTRAP.MIB

Symptom: This is an alien IO backplane. IO discovery will fail.

/O for the cell will not be initialized.

User Action: Replace I/O backplane or chassis or update firmware.

Windows Event Id: 7732 (Hex)0xC0021E34 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: CPU Revisions did not match

Snmp Trap: hpevtCpuRevisionMismatch - 7732 in HPIFPTRAP.MIB

Symptom: 2 cpus are at different revisions. Replace incompatible cpu.

Windows Event Id: 7733 (Hex)0xC0021E35 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: 2 cpus are running at mismatched frequencies.

Snmp Trap: hpevtCpuFreqMismatch - 7733 in HPIFPTRAP.MIB

Symptom: There is a CPU or Cell compatibility problem. Verify that all cpus are clocked at the same frequency and have the same ratios set.

Windows Event Id: 7734 (Hex)0xC0021E36 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A cpu is being overclocked

Snmp Trap: hpevtCpuOverclocked - 7734 in HPIFPTRAP.MIB

Symptom: A cpu is being clocked at a rate higher than it is rated for. Replace the cpu or cell board.

Windows Event Id: 7755 (Hex)0x40021E4B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CLU firmware is not at proper revision level

Snmp Trap: None

Symptom: MP firmware was updated and not the CLU.

User Action: Update CLU firmware as soon as possible. This will require shutting down all partitions in the affected cabinet and removing 48 Volts from the cabinet.

Windows Event Id: 7758 (Hex)0xC0021E4E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Copy of complex profile on sub and cells don't match

Snmp Trap: hpevtCmplxProfilIncoherent - 7758 in HPIFPTRAP.MIB

Symptom: MP NVRAM was erased by removing MP from system without setting "NVRAM SAVE" switch to on. MP was replaced with cabinet's AC Breakers "off". Either of first two causes and replacing or installing a cell board with cabinet's AC Breakers "off".

User Action: Remove cell board causing problem. Power complex on and allow cells to distribute their copy of complex profile to MP, then add new cell following proper OLA procedures. Remove improper cell board. Execute MP Handler "CC" command and choose "Last Profile". This will load the sub with what should be the same copy as the cells. Then add new cell board.

Windows Event Id: 7759 (Hex)0x40021E4F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MP reset button was pressed

Snmp Trap: None

Symptom: The default configuration button was pressed.

User Action: The MP configuration parameters must be re-entered. Probable MP commands are: AR, CA, IT, LL, PD, PG, SO, VFC.

Windows Event Id: 7760 (Hex)0xC0021E50 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Duplicate cabinet number detected

Snmp Trap: hpevtDuplicateCabinet - 7760 in HPIFPTRAP.MIB

Symptom: When adding a new cabinet to the complex or replacing the UGUY, the cabinet number switch was set to a number already in use.

User Action: Turn off AC breakers to cabinet with duplicate number. Check all other cabinet numbers in the complex for validity. Set cabinet number switch on UGUY-PCB in new cabinet (s) to proper cabinet number. Turn on AC breakers for cabinet(s).

Windows Event Id: 7767 (Hex)0xC0021E57 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: MP ID command must be run

Snmp Trap: hpevtIdCommandRequired - 7767 in HPIFPTRAP.MIB

Symptom: This is the first time the machine has been powered on and there is no valid complex profile anywhere.

User Action: Run "CC" command and generate genesis profile.

Symptom: MP lost its profile by being replaced with power off ,or, "NVRAM save" switch was not enabled and MP was removed and replaced. Also, at the same time, a cell was replaced or added while power was off. Both scenarios are violations of OL* Rules. A complex_profile_incoherent code was issued. The "cc" command was run and genesis profile was selected.

User Action: If "cc" command is selected, choose "last good profile" instead of genesis profile, or remove illegal cell(s), power up and follow OL* Rules.

Windows Event Id: 7771 (Hex)0x80021E5B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: MP Battery is low

Snmp Trap: hpevtNvramBatteryFail - 7771 in HPIFPTRAP.MIB

Symptom: MP was running on battery for too long. Someone didn't set "NVRAM Save" switch to "off".

User Action: Replace battery as per MP Battery Remove and Replace procedures.

Windows Event Id: 7772 (Hex)0x40021E5C (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Unsupported event received by the MP (Event Type not equal to OxE0 or 0x02)

Snmp Trap: None

Symptom: Device generating event does not conform to the new IPMI event strategy. Or, cell power (48V) was turned off while the PDHC was retrieving events from the CCO FIFO.

User Action: Upgrade firmware to the latest level.

Symptom: Device's mailbox overflowed. Losing entry with end-of-message set.

User Action: Replace SBCH (or GSP) or (second choice) reporting device. GSP bus may have failed or overloaded.

Windows Event Id: 7773 (Hex)0xC0021E5D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Partition being reset due to watchdog timeout expiring

Snmp Trap: hpevtPartitionTimeoutReset - 7773 in HPIFPTRAP.MIB

Symptom: There are 2 watchdog mechanisms, both of which trigger the MP to reset a partition if its OS becomes unresponsive. An unresponsive OS is detected when the OS fails to refresh the watchdog timer before it expires. PA systems refresh the watchdog timer by emitting an event with data field set to activity level/timeout, and the timeout fields specifies the desired timeout. This timer can be disabled with the MP AR command. IPF systems refresh the watchdog timer using the IPMI clear watchdog command. The AR command does not affect the IPMI watchdog timer. Regardless of which timer was in use, the MP emits this event when timer expiration triggers resetting the partition.

User Action: Find out why the partition's OS had hung. The cause could be bad HW that crashed the partition, or in rare cases, a combination of events that caused the OS to be unable to refresh the watchdog timer. Look for other events preceeding the timeout for clues to the root cause of the partition being unresponsive.

Windows Event Id: 7774 (Hex)0x80021E5E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PDHC FW was reset by hardware due to firmware inactivity.

Snmp Trap: hpevtPdhcWatchdogTimedOut - 7774 in HPIFPTRAP.MIB

Symptom: Processor dependent hardware controller (PDHC) Hardware Failed; causing inactivity.PDHC Firmware hung; causing inactivity.

User Action: Even though the PDHC will reset itself without interrupting the cell, HP Support personnel should be contacted to troubleshoot the PDH daughtercard and/or cell board as soon as possible.

Windows Event Id: 7775 (Hex)0x40021E5F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The CIO FW is not supported with this version of the MP

Snmp Trap: None

Symptom: Update the CIO or MP

Windows Event Id: 7776 (Hex)0x40021E60 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The PM firmware version is not supported with this version of MP firmware

Snmp Trap: None

Symptom: No data available

Windows Event Id: 7781 (Hex)0x80021E65 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Power Up Aborted, Over Temp

Snmp Trap: hpevtAbortPowerupOth - 7781 in HPIFPTRAP.MIB

Symptom: Computer Room over temp

User Action: Cool Computer Room

Symptom: Environment immediately surrounding cabinet.

User Action: Correct local environmental problem

Symptom: Reporting Error

User Action: Troubleshoot ambient air sensor/cable/PM3.

Windows Event Id: 7782 (Hex)0xC0021E66 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Too Few Bulk Power Supplies Available

Snmp Trap: hpevtAbortPwrupBps - 7782 in HPIFPTRAP.MIB

Symptom: One or more Bulk Power Supplies are missing or in fault condition at Cabinet Power Up.

User Action: Contact your HP support representative to check for faulty Bulk Power Supplies. Add Bulk Power Supplies, if under populated.

Symptom: Too many entities installed in the cabinet for the Power Available.

User Action: Remove entities until Power Requirements are met. Add Bulk Power Supplies, if under populated.

Windows Event Id: 7783 (Hex)0xC0021E67 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: No Cabinet Start, Insufficient Blowers

Snmp Trap: hpevtAbortStartBlowr - 7783 in HPIFPTRAP.MIB

Symptom: The number of blowers required is a hard number. It is not dependent upon the number of entities installed in a Cabinet. The Utilities Subsystem is not allowing the Cabinet to power up due to an insufficient number of installed blowers.

User Action: Install missing Cabinet Blowers. If proper number of blowers are installed, troubleshoot blower presence detection.

Windows Event Id: 7784 (Hex)0xC0021E68 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: No Cabinet Start, Insufficient IO Fans

Snmp Trap: hpevtAbortStartIofan - 7784 in HPIFPTRAP.MIB

Symptom: The number of IO fans required is a hard number. It is not dependent upon the number of entities installed in a Cabinet. The Utilities Subsystem is not allowing the cabinet to power up due to an insufficient number of installed IO fans.

User Action: Install missing IO fans, or if proper number installed, troubleshoot IO fan presence detection.

Windows Event Id: 7785 (Hex)0x40021E69 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: AC power to the PDCA was detected. Data Byte 3 specifies PDCA number.

Snmp Trap: None

Symptom: AC power was restored.

User Action: None.

Symptom: AC detection and monitoring circuitry was repaired or replaced.

User Action: None.

Symptom: PDCA was replaced.

User Action: None

Windows Event Id: 7786 (Hex)0x80021E6A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: AC power to the PDCA was removed. Data Byte 3 specifies PDCA number.

Snmp Trap: hpevtAcDeleted - 7786 in HPIFPTRAP.MIB

Symptom: Circuit breakers on the PDCA are open.

User Action: Close the PDCA circuit breakers.

Symptom: Power source supplying AC to the PDCA has failed.

User Action: Troubleshoot AC power problem.

Symptom: PDCA (Power Distribution Control Assembly) has failed.

User Action: Replace the PDCA with proper type (4-wire or 5-wire) PDCA following power distribution control assembly Remove and Replace procedures.

Symptom: AC Detection and monitoring circuitry failed.

User Action: Troubleshoot and replace failed Field Replaceable Units.

Windows Event Id: 7787 (Hex)0x40021E6B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cabinet Blower Installed

Snmp Trap: None

Symptom: Replacement of failed cabinet blower.

User Action: None. If Cabinet Blowers are operating and at N+1 configuration, a blower speed change-normal chassis code will be issued.

Windows Event Id: 7788 (Hex)0x40021E6C (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cabinet Blower Removed

Snmp Trap: None

Symptom: Blower failed and is being Hot-Swapped.

User Action: Ensure replacement blower is installed quickly.

Windows Event Id: 7789 (Hex)0x40021E6D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Blower Speed High

Snmp Trap: None

Symptom: Front EMI shield was removed. Should see Door_Open chassis code.

User Action: Replace front EMI shield as soon as possible.

Symptom: A Cabinet Blower has failed or been removed leaving 3 (N) functioning blowers.

User Action: Replace failed or missing blower, bringing count to N+1. (4)

Symptom: An IO Fan has failed or been removed leaving 4 (N) functioning IO Fans.

Acton: Replaced failed or missing IO Fan, bringing count to N+1. (5)

Symptom: User Action: Lower computer room temperature.

Symptom: An installed cell did not report its required fan speed, probably GSP bus problem.

User Action: Use Guardian Service Processor command ¿DU¿ to detect any cells known to be installed and not showing in USB topology. Check CELL PDH CONTROLLER LED¿s on cell boards front edge. LED #1, the one next to the blinking LED, should be on. If not, the USB interface on the cell is down. Replace cell if it is the only one, replace HUB if all are affected.

Windows Event Id: 7791 (Hex)0x80021E6F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cabinet Main Blower Failed

Snmp Trap: hpevtBlowrFail - 7791 in HPIFPTRAP.MIB

Symptom: Cabinet Blower Failed

User Action: Replace failed blower module as soon as possible following the Blower Module Remove and Replace Procedures.

Windows Event Id: 7793 (Hex)0x80021E71 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: 48 Volt Converter Failed. Data Byte 3 specifies PDCA number.

Snmp Trap: hpevtBpsFail48flt - 7793 in HPIFPTRAP.MIB

Symptom: The 48 Volt DC Converter powered by the PDCA identified failed in the named Bulk Power Supply.

User Action: Contact HP Support personnel to troubleshoot problem

Symptom: The PDCA identified has failed. This will be evident by many   BPS_FAIL codes and probably a AC_DELETED code in the Event Log.

User Action: Contact HP Support personnel to troubleshoot problem

Windows Event Id: 7795 (Hex)0x80021E73 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Fan failed in designated Bulk Power Supply

Snmp Trap: hpevtBpsFailFanflt - 7795 in HPIFPTRAP.MIB

Symptom: Fan failure or fan obstructed

User Action: If fan is obstructed, remove obstruction. If no obstruction, Contact HP Support personnel to User Action:

Windows Event Id: 7796 (Hex)0x80021E74 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: 1 Side Converter Over Temp

Snmp Trap: hpevtBpsFailOt - 7796 in HPIFPTRAP.MIB

Symptom: If this code is not accompanied by other codes pointing to the same Bulk Power

User Action: Contact HP Support personnel to troubleshoot problem.

Symptom: If there are chassis codes indicating an elevated ambient air temperature, other chassis codes will be generated and system shutdown will be necessary.

User Action: Resolve the elevated ambient air temperature problem as quickly as possible. If the air temperature gets too high, the complex must be shutdown to avoid damage.

Windows Event Id: 7798 (Hex)0x80021E76 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Bulk Power Supplies are not Redundant.

Snmp Trap: hpevtBpsNotRedundant - 7798 in HPIFPTRAP.MIB

Symptom: Entities were added to the cabinet, increasing the estimated Power Consumption. Or, a non-functional GSP bus entity has become functional, providing previously missing power consumption information.

User Action: Purchase and install a Bulk Power Supply, if redundancy is desired.

Symptom: Bulk Power Supply failed.

User Action: Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 7799 (Hex)0xC0021E77 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: +48V DC has exceeded its upper limit

Snmp Trap: hpevtBpsOvervoltage - 7799 in HPIFPTRAP.MIB

Symptom: The cabinet's 48V power has exceeded an acceptable upper threshold.

User Action: Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 7803 (Hex)0xC0021E7B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: +48V DC has fallen below its lower limit

Snmp Trap: hpevtBpsUndervoltage - 7803 in HPIFPTRAP.MIB

Symptom: The cabinet's 48V power has fallen below an acceptable lower threshold.

User Action: Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 7806 (Hex)0x80021E7E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cabinet Fan Failed

Snmp Trap: hpevtCabFanFail - 7806 in HPIFPTRAP.MIB

Symptom: Cabinet Fan Failed

User Action: Replace failed cabinet fan module as soon as possible following the Cabinet Fan Module Remove and Replace Procedures.

Windows Event Id: 7808 (Hex)0x40021E80 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cabinet Power Turned Off By Command

Snmp Trap: None

Symptom: Someone issued the PE-Cabinet off command.

User Action: Guardian Service Processor Command PE - Cabinet - On with switch in on position.

Symptom: Cabinet switch was transitioned to "OFF".

User Action: Cycle power switch from on to off to on.

Windows Event Id: 7818 (Hex)0x40021E8A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Front EMI Shield has been removed

Snmp Trap: None

Symptom: Shield was removed for service.

User Action: Complete service and replace shield promptly.

Symptom: Switch is malfunctioning.

User Action: Troubleshoot switch and connections.

Windows Event Id: 7822 (Hex)0xC0021E8E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Housekeeping power has exceeded expected levels.

Snmp Trap: hpevtHkpOvervoltage - 7822 in HPIFPTRAP.MIB

Symptom: The cabinet's housekeeping power has risen above an acceptable upper threshold.

User Action: Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 7823 (Hex)0xC0021E8F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Housekeeping power has fallen below expected levels.

Snmp Trap: hpevtHkpUndervoltage - 7823 in HPIFPTRAP.MIB

Symptom: The cabinet's housekeeping power has fallen below an acceptable upper
threshold.

User Action: Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 7824 (Hex)0x80021E90 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The BPSs for the cabinet are illegally configured. Data Byte 3 = PDCA
number.

Snmp Trap: hpevtIllegalBpsCfgOrPhaseFlt - 7824 in HPIFPTRAP.MIB

Symptom: The BPS are installed in an illegal configuration.

User Action: Re-configure the BPS in a manner consistent with the explanation in the Problem Description statement

Windows Event Id: 7825 (Hex)0x80021E91 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: BPS ID received from installed Bulk Power Supply was unknown

Snmp Trap: hpevtIllegalBpsid - 7825 in HPIFPTRAP.MIB

Symptom: The designated power supply is responding with an illegal BPS ID. It could be a faulty supply, a different revision, or a wrong supply in the wrong box. Replace this Bulk Power Supply with a proper one.

Symptom: A new revision of Power Supply that requires a PM3 firmware upgrade was attempting install.

User Action: Check service notes for firmware revisions and compatibility charts.

Windows Event Id: 7827 (Hex)0xC0021E93 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Ambient Air Sensor Overtemp Warning

Snmp Trap: hpevtInletOvertempHi - 7827 in HPIFPTRAP.MIB

Symptom: Room Temperature has risen to a critical level.

User Action: Shutdown and power off the system. Correct air temperature problem.

Windows Event Id: 7828 (Hex)0x80021E94 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Ambient Air Sensor Overtemp Warning

Snmp Trap: hpevtInletOvertempLo - 7828 in HPIFPTRAP.MIB

Symptom: Room Temperature is rising or falling.

User Action: Check the error log's previous entries within a logical time frame. If temperature is rising, prepare for system shutdown. If temperature is dropping, then problem is probably resolved.

Windows Event Id: 7829 (Hex)0x80021E95 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Ambient Air Sensor Overtemp Warning

Snmp Trap: hpevtInletOvertempMid - 7829 in HPIFPTRAP.MIB

Symptom: Room temperature is rising or falling.

User Action: Check the error log's previous entries within a logical time frame. If temperature is rising, prepare for system shutdown. If temperature is dropping, then problem is probably resolved.

Windows Event Id: 7834 (Hex)0x40021E9A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: IO Fan Installed

Snmp Trap: None

Symptom: Replacement of failed IO fan

User Action: None

Windows Event Id: 7835 (Hex)0x40021E9B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: IO Fan Removed

Snmp Trap: None

Symptom: IO Fan failed and is being Hot-Swapped.

User Action: Ensure replacement IO fan is installed quickly

Windows Event Id: 7836 (Hex)0x80021E9C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: IO Fan Failed

Snmp Trap: hpevtIofanFail - 7836 in HPIFPTRAP.MIB

Symptom: IO Cooling Fan Failed

User Action: Replace IO Fan Module as soon as possible following the IO Fan Module Remove and Replace Procedures.

Windows Event Id: 7839 (Hex)0x40021E9F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The PM's firmware is being updated.

Snmp Trap: None

Symptom: No data available

Windows Event Id: 7842 (Hex)0x80021EA2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cabinet Power System is in overload.

Snmp Trap: hpevtPowerOverload - 7842 in HPIFPTRAP.MIB

Symptom: A Bulk Power Supply has failed, or, entities were added. Look for one or more BPS_Fail Chassis Codes preceding this one for the actual failures. This code is a warning of possible cabinet unreliability.

User Action: Contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 7843 (Hex)0x40021EA3 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cabinet Power Switch turned off

Snmp Trap: None

Symptom: Power switch was physically turned off. No +48 VDC Power in cabinet.

User Action: Place Power Switch to on position.

Windows Event Id: 7845 (Hex)0xC0021EA5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cabinet Shutdown - Insufficient Blowers

Snmp Trap: hpevtShutdownBlowr - 7845 in HPIFPTRAP.MIB

Symptom: One blower has failed creating condition N. Before condition N was corrected, another blower in the same cabinet was declared failed. This created the illegal condition of N-1.

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 7846 (Hex)0xC0021EA6 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cabinet Shutdown - Insufficient IO Fans

Snmp Trap: hpevtShutdownIofan - 7846 in HPIFPTRAP.MIB

Symptom: One IO fan has failed creating condition N. Before condition N was corrected, another IO fan in the same cabinet failed. This created the illegal condition of N-1.

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 7847 (Hex)0x40021EA7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: IO Expansion Utility Fan Installed

Snmp Trap: None

Symptom: Replacement of failed IO Expansion Utility fan

User Action: None

Windows Event Id: 7848 (Hex)0x40021EA8 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: IO Expansion Utility Fan Removed

Snmp Trap: None

Symptom: IO Expansion Utility Fan failed and is being Hot-Swapped.

User Action: Ensure replacement IO Expansion Utility fan is installed quickly

Windows Event Id: 7849 (Hex)0x80021EA9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: IO Expansion Utility Cabinet Fan Failed

Snmp Trap: hpevtXucFanFail - 7849 in HPIFPTRAP.MIB

Symptom: IO Expansion Utility Fan or Fan sensor failure. PM failure

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 7851 (Hex)0x40021EAB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Clock Margined Externally

Snmp Trap: None

Symptom: For troubleshooting some intermittent errors, clock margining can be an effective tool. An engineer decided to use external equipment to margin outside the normal margin limits built into the machine.

User Action: Upon completion, use "CM" command to ensure clocks are set to normal.

Windows Event Id: 7852 (Hex)0x40021EAC (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cabinet Clock Margined To High

Snmp Trap: None

Symptom: "CM" command was executed, setting cabinet clocks to 5% above normal range for troubleshooting purposes. The "CM" command is a MFG level MP command.

User Action: When finished at high margin, use "CM" command and return clocks to normal or normal setting.

Windows Event Id: 7853 (Hex)0x40021EAD (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cabinet Clock Margined Normal

Snmp Trap: None

Symptom: "CM" command was executed, returning cabinet clocks to normal frequency. The "CM" command is a MFG level MP command.

User Action: None

Windows Event Id: 7855 (Hex)0xC0021EAF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Watchdog Timer Expired

Snmp Trap: hpevtCluWatchdogReset - 7855 in HPIFPTRAP.MIB

Symptom: CLU has been reset after a firmware update.

User Action: None.

Symptom: The CLU firmware has been reset by the MFG MP command RU.

User Action: None.

Symptom: Hardware or firmware failure on the UGUY.

User Action: Check revision of CLU firmware. If out of date, or known bad revision, use FWUU to update CLU firmware.Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 7856 (Hex)0xC0021EB0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Invalid checksum from EEPROM

Snmp Trap: hpevtEepromInvalidCksm - 7856 in HPIFPTRAP.MIB

Symptom: Data corrupted in the named EEPROM.

User Action: If this is a single entry, replace the FRU.

Symptom: Problem with I2C bus.User Action: If every entity with a FRUID logs an error, the problem is probably with the CLU portion of the Utilities Board. Replace the Utilities Board following the Utilities Board Remove & Replace Procedures. If there are a few entities reporting checksum errors, but several have reported in properly, chances are one device is causing the problem with the I2C bus. This will take a more concerted effort to find and correct that problem. Probably wish to take the bus to a minimum configuration and test, add, test until the failure is verified.

Windows Event Id: 7858 (Hex)0x80021EB2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: System Backplane Power Board Fault

Snmp Trap: hpevtHbpbBoardPowerFault - 7858 in HPIFPTRAP.MIB

Symptom: A DC-DC converter on the named power board failed.

User Action: Contact HP Support personnel to troubleshoot the problem

Caution: The 1.8 volt converters are N+1. The 3.3 volt converters are N+2.If there is a situation where a 1.8 fails at the same time a 3.3 on a different power board,   replace the failed 1.8board first.

Windows Event Id: 7859 (Hex)0x40021EB3 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: System Backplane Fault Information

Snmp Trap: None

Symptom: This event accompanies a System Backplane or System Backplane Power Board error.

User Action: Follow the action specified in the accompanying event.

Windows Event Id: 7861 (Hex)0x40021EB5 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: HIOB Reset

Snmp Trap: None

Symptom: The MFG mode command RE was used to reset the specified IO Backplane.

User Action: None.

Windows Event Id: 7862 (Hex)0x40021EB6 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: System Backplane Power Board removed

Snmp Trap: None

 Symptom: A System Backplane Power Board was physically removed. Probably

 due to failure.

User Action:Following the Backplane Power Board Remove and Replace procedures,

 Replace the System Backplane Power Board as soon as possible as this

 cabinet is now in a non-redundant state. When non-redundant, the system

 would crash immediately if another power board were to fail.

Windows Event Id: 7863 (Hex)0x80021EB7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Read of EEPROM failed

Snmp Trap: hpevtHiobEepromRdFail - 7863 in HPIFPTRAP.MIB

Symptom: The I2C controller on the Utilities Board (CLU section) is bad. This will be shown by many I2C failure codes in the Error Log. These codes should indentify entities on both the System Backplane and the Master IO Backplane.

User Action: Contact HP Support personnel to troubleshoot the problem.

Symptom: The cable from the Utilities Backplane to the Master IO Backplane is bad, or is not properly connected.

User Action: Check and reseat the Master IO Backplane Utilities cable. If no help, contact HP Support personnel to troubleshoot the problem.

Symptom: The I2C bus into the IO Backplane EEPROM is bad.

User Action: Could possibly be a bent pin on the Master IO Backplane Utilities cable connectors. Check the connectors at each end of the cable for bent or broken pins. If the connectors and cable are good, contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 7864 (Hex)0x80021EB8 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Read of EEPROM failed

Snmp Trap: hpevtHiopbEepromRdFail - 7864 in HPIFPTRAP.MIB

Symptom: The I2C controller on the Utilities Board (CLU section) is bad. This will be shown by many I2C failure codes in the Error Log. These codes should indentify entities on both the System Backplane and the Master IO Backplane.

User Action: Contact HP Support personnel to troubleshoot the problem.

Symptom: The cable from the Utilities Backplane to the Master IO Backplane is bad, or is not properly connected.

User Action: Check and reseat the Master IO Backplane Utilities cable. If no help, contact HP Support personnel to troubleshoot the problem.

Symptom: The I2C bus into the IO Power Board EEPROM is bad.

User Action: Could possibly be a bent pin on the Master IO Backplane Utilities cable connectors. Check the connectors at each end of the cable for bent or broken pins. Or, it could be a bent pin on the Master IO Backplane where the PCI Cardcage connects. If the MIOB, connectors and cable are good, contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 7865 (Hex)0x80021EB9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Read of LPM Fault failed

Snmp Trap: hpevtHiopbLpmFltRdFail - 7865 in HPIFPTRAP.MIB

Symptom: The I2C controller on the Utilities Board (CLU section) is bad. This will be shown by many I2C failure codes in the Error Log. These codes should indentify entities on both the System Backplane and the Master IO Backplane.

User Action: Contact HP Support personnel to troubleshoot the problem.

Symptom: The cable from the Utilities Backplane to the Master IO Backplane is bad, or is not properly connected.

User Action: Check and reseat the Master IO Backplane Utilities cable. If no help, contact HP Support personnel to troubleshoot the problem.

Symptom: The IO Backplane Power Board is bad.

User Action: Contact HP Support personnel to troubleshoot the problem.

Symptom: The I2C bus into the IO Power Board EEPROM is bad.

User Action: Could possibly be a bent pin on the Master IO Backplane Utilities cable connectors. Check the connectors at each end of the cable for bent or broken pins. Or, it could be a bent pin on the Master IO Backplane where the PCI Cardcage connects. If the MIOB, connectors and cable are good, contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 7866 (Hex)0xC0021EBA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: IO Power Board Overtemperature

Snmp Trap: hpevtHiopbOvertemp - 7866 in HPIFPTRAP.MIB

Symptom: The ambient air is too warm.

User Action: Check the Error Log for other Overtemp Warnings to confirm the environmental problem.

Symptom: The specified Power Brick, or the Local Power Monitor, has failed in such a manner as to report this error.

User Action: Contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 7867 (Hex)0xC0021EBB (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: IO Power Board Fault

Snmp Trap: hpevtHiopbPowerFault - 7867 in HPIFPTRAP.MIB

Symptom: The named power brick on the named IO Chassis has failed.

User Action: Contact HP Support personnel to troubleshoot the problem.

Symptom: Input power has created some fault conditions. This will be evident by the presence of several chassis codes in the Error Log within the same time frame.

User Action: The Error Log must be reviewed carefully for the root cause of the errors. There is almost always a single cause, even if many events are reported.

Windows Event Id: 7870 (Hex)0x40021EBE (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: IO Power Board Fault Information

Snmp Trap: None

Symptom: The event accompanies a IO Backplane power board error to report the LPM fault code.

User Action: Refer to the action for the accompanying IO Backplane power board failure event.

Windows Event Id: 7871 (Hex)0x80021EBF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Voltage Margin on IO Power Board failed

Snmp Trap: hpevtHiopbVoltMrgnFail - 7871 in HPIFPTRAP.MIB

Symptom: The IO Power Board LPM is not communicating with the CLU.

User Action: Some troubleshooting will be involved here. Is it the IO Power Board LPM, or the CLU. You'll have to check the Error Log for other entries related to either CLU communications problems or the IO Power Board LPM. If there are messages about other HIOPB_VOLT_MRGN_FAIL entries as well as SYS_BKP_VOLT_MRGN_FAIL, it is pointing to the CLU.

Symptom: The MP is not communicating with the CLU.

User Action: The MP bus (USB) is not functioning. There should be many entries in the Error Log with the same type of error message. They will point to MP bus errors. Also, try the GSP "PS" command. This will display status of entities within a cabinet.

Windows Event Id: 7872 (Hex)0x80021EC0 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failure to read data from a FRUID EEPROM

Snmp Trap: hpevtReadFruDataFail - 7872 in HPIFPTRAP.MIB

Symptom: The CLU can't read the data from a FRUID EEPROM.

User Action: Contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 7873 (Hex)0x80021EC1 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failure to read data from a SBCH FRUID EEPROM

Snmp Trap: hpevtSbchEepromRdFail - 7873 in HPIFPTRAP.MIB

Symptom: The CLU cannot read the data contained in the EEPROM on the SBCH board in the same cabinet.

User Action: Contact HP Support personnel to troubleshoot the problem. If this is the only READ failure in this timeframe, replace the SBCH board following the SBCH Board Remove & Replace Procedures as soon as possible. If there are other READ failures in this same cabinet, replace the Utilities Board following the Utilities Board Remove & Replace Procedures.

Windows Event Id: 7874 (Hex)0x80021EC2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failure to read data from a UGUY FRUID EEPROM

Snmp Trap: hpevtUguyEepromRdFail - 7874 in HPIFPTRAP.MIB

Symptom: Attempted access to read the UGUY FRUID EEPROM failed.

User Action: If there is only one FRUID that can't be read, replace that FRU as soon as possible. If there are a lot of log entries for different FRUs, suspect the Utilities Board or the Utilities cable to those FRUs. For example, if the failures are all associated with a Master IO Backplane, the failing FRU is probably the Utilities cable to that backplane.

Windows Event Id: 7875 (Hex)0x80021EC3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Read EEPROM failed

Snmp Trap: hpevtSysBkpEepromRdFail - 7875 in HPIFPTRAP.MIB

Symptom: The I2C controller on the Utilities Board (CLU section) is bad. This will be shown by many I2C failure codes in the Error Log. These codes should indentify entities on both the System Backplane and the Master IO Backplane.

User Action: Replace the Utilities board (UGUY) following the Utilities Board Remove and Replace procedures.

Symptom: The 100 pin cable from the Utilities Backplane to the System Backplane is bad, or is not properly connected.

User Action: Check and reseat the System Backplane Utilities cable. If this does not resolve the issue, replace the System Backplane utilities cable following the Backplane Utilities Cable Remove and Replace procedures.

Symptom: The I2C bus into the System Backplane EEPROM is bad.

User Action: Could possibly be a bent pin on the System Backplane Utilities cable connectors. Check the connectors at each end of the cable for bent or broken pins. If the connectors and cable are good, replace the System Backplane following the System Backplane Remove and Replace procedures.

NOTE: System Backplane replacement is a major undertaking. Ensure all other possibilities have been explored before replacing the backplane. You should have WTEC approval before replacing the backplane.

Windows Event Id: 7876 (Hex)0x40021EC4 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: System Backplane Reset

Snmp Trap: None

Symptom: The System Backplane has been reset from the MP command interface using the MFG mode command RE.

User Action: None.

Windows Event Id: 7877 (Hex)0x80021EC5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Read command on System Backplane I2C bus failed

Snmp Trap: hpevtSysBkpI2cRdFail - 7877 in HPIFPTRAP.MIB

Symptom: The I2C controller on the Utilities Board (CLU section) is bad. This will be shown by many I2C failure codes in the Error Log. These codes should indentify entities on both the System Backplane and the Master IO Backplane.

User Action: Replace the Utilities board (UGUY) following the Utilities Board Remove and Replace procedures.

Symptom: The 100 pin cable from the Utilities Backplane to the System Backplane is bad, or is not properly connected.

User Action: Check and reseat the System Backplane Utilities cable. If no help, replace the System Backplane utilities cable following the Backplane Utilities Cable Remove and Replace procedures.

Symptom: The I2C bus into the System Backplane EEPROM is bad.

User Action: Could possibly be a bent pin on the System Backplane Utilities cable connectors. Check the connectors at each end of the cable for bent or broken pins. If the connectors and cable are good, replace the System Backplane following the System Backplane Remove and Replace procedures.

NOTE: System Backplane replacement is a major undertaking. Ensure all other possibilities have been explored before replacing the backplane. You should have WTEC approval before replacing the backplane.

Windows Event Id: 7878 (Hex)0x80021EC6 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Write command on System Backplane I2C bus failed

Snmp Trap: hpevtSysBkpI2cWrFail - 7878 in HPIFPTRAP.MIB

Symptom: The I2C controller on the Utilities Board (CLU section) is bad. This will be shown by many I2C failure codes in the Error Log. These codes should indentify entities on both the System Backplane and the Master IO Backplane.

User Action: Replace the Utilities board (UGUY) following the Utilities Board Remove and Replace procedures.

Symptom: The 100 pin cable from the Utilities Backplane to the System Backplane is bad, or is not properly connected.

User Action: Check and reseat the System Backplane Utilities cable. If no help, replace the System Backplane utilities cable following the Backplane Utilities Cable Remove and Replace procedures.

Symptom: The I2C bus into the System Backplane EEPROM is bad.

User Action: Could possibly be a bent pin on the System Backplane Utilities cable connectors. Check the connectors at each end of the cable for bent or broken pins. If the connectors and cable are good, replace the System Backplane following the System Backplane Remove and Replace procedures.

NOTE: System Backplane replacement is a major undertaking. Ensure all other possibilities have been explored before replacing the backplane. You should have WTEC approval before replacing the backplane.

Windows Event Id: 7879 (Hex)0xC0021EC7 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Syatem Backplane Power Fault

Snmp Trap: hpevtSysBkpPowerFault - 7879 in HPIFPTRAP.MIB

Symptom: While running normally, the CLU microcontroller detected a fault on the I2C Bus from the system Backplane LPM.

User Action: best troubleshooting approach. Check the log carefully as a shorted ASIC could cause many errors to occur. These errors will not necessarily point to the ASIC. If none, replace failed Backplane Power Board.

Windows Event Id: 7880 (Hex)0xC0021EC8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: System Backplane voltage margin failed

Snmp Trap: hpevtSysBkpVoltMrgnFail - 7880 in HPIFPTRAP.MIB

Symptom: The CLU was unable to write to the voltage margin register on the System backplane.

User Action: Try re-margining the system backplane and check connections. If many I2C access events are occurring inspect the UGUY utilities board.

Windows Event Id: 7883 (Hex)0x40021ECB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: EEPROM read failed

Snmp Trap: None

Symptom: If only a single occurance, the named FRU device failed.

User Action: Contact HP Support personnel to troubleshoot the problem.

Symptom: If this occurs for many devices the issues is with the I2C bus on the UGUY.

User Action:Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 7884 (Hex)0x40021ECC (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: System Backplane LPM Fault Code access error

Snmp Trap: None

Symptom: During normal operation the CLU was unable to access the LPM fault code register for the System Backplane.

User Action: If this event occurs amongst other I2C errors, check connections to the UGUY board. If resetting the CLU or replacing the UGUY does not enable access to this register, the System Backplane needs to be inspected.

Windows Event Id: 7891 (Hex)0x80021ED3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failure to write data to FRUID EEPROM

Snmp Trap: hpevtWriteFruDataFail - 7891 in HPIFPTRAP.MIB

Symptom: The entity being written to is not powered up.

Power the entity with the PE command.

Symptom: The entity being written to has failed.

User Action: Replace the entity with the failed FRUID.

Symptom The I2C bus has failed. Look for other entries in the Error Log to confirm this. If there are a lot of entries in this timeframe about I2C failures, analyze errors the errors to see if they are all within a cabinet, or the entire complex.

User Action: Each cabinet's Utilities Board (CLU & PM) is responsible for the query over I2C for the FRUID, LPM status, and other information. If there are other entries in the Error Log and they are all within a cabinet, replace the Utilities Board following the Utilities Board Remove & Replace Procedures.

Windows Event Id: 7902 (Hex)0xC0021EDE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDH Controller firmware version is not supported with this version of MP FW

Snmp Trap: hpevtPdhCtrlrFwMismatch - 7902 in HPIFPTRAP.MIB

Symptom: Update PDHC or MP FW

Windows Event Id: 7903 (Hex)0xC0021EDF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Power fault on cell board

Snmp Trap: hpevtCellPowerFault - 7903 in HPIFPTRAP.MIB

Symptom: One or more of the DC to DC power converters on the Cell Power Board is displaying a fault condition.

User Action: Contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 7904 (Hex)0x40021EE0 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Power is good on cell board

Snmp Trap: None

Symptom: No data available

Windows Event Id: 7906 (Hex)0x40021EE2 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cell was reset

Snmp Trap: None

Symptom: The MP command RR was issued.

The MP command RS was issued.

The MP command RE was issued.

User Action: None. This is to inform that cell(s) have been reset.

Windows Event Id: 7909 (Hex)0x40021EE5 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cell was issued a TOC

Snmp Trap: None

Symptom: Processing within a partition was hung and standard recovery techniques failed.

User Action: This is an informational chassis code. The PDHC is acknowledging receipt and execution of the MP TC command.

Windows Event Id: 7938 (Hex)0x80021F02 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The CPU Node reported a problem initializing its node in the device tree

Snmp Trap: hpevtCpuInitNodeError - 7938 in HPIFPTRAP.MIB

Symptom: See additional logs in determine why initalize node failed. There could be a hardware or PAL problem.

Windows Event Id: 7939 (Hex)0x80021F03 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The ExecuteCommand function failed on a CPU.

Snmp Trap: hpevtCpuExecuteCmdError - 7939 in HPIFPTRAP.MIB

Symptom: Inter-Processor-Interrupts may not be working, or the command may have timed out. This could be a firmware bug or hardware problem. Look for other clues in the event log.

Windows Event Id: 7940 (Hex)0x80021F04 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A remote CPU is not prepared to receive a command

Snmp Trap: hpevtCpuCmdStateInvalid - 7940 in HPIFPTRAP.MIB

Symptom: The CPU may be stuck waiting for a previous command or may not be healthy. This could also be caused by a system resource contention problem.

Windows Event Id: 7948 (Hex)0x80021F0C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error was encountered when executing a PAL_PROC

Snmp Trap: hpevtCpuPalProcError - 7948 in HPIFPTRAP.MIB

Symptom: PAL was unable to be successfully called. See other event ids to determine if action needs to be taken.

Windows Event Id: 7953 (Hex)0xC0021F11 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: CPUs loaded in wrong order

Snmp Trap: hpevtBootCpuLoadingError - 7953 in HPIFPTRAP.MIB

Symptom: CPUs not loaded in correct order.

User Action: Load CPUs in order 0, 1, 2, 3.

Windows Event Id: 7960 (Hex)0x40021F18 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: uncorrectable ECC error in DIMM <HH> during selftest

Snmp Trap: None

Symptom: An MBE occurred during memory self-test.

User Action: No action needed if system reaches EFI. If not, contact HP support to troubleshoot the problem.

Windows Event Id: 7962 (Hex)0x40021F1A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Additional cell power converter fault status details in data field

Snmp Trap: None

Symptom: Critical power fault on cell board or cell power board.

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 7963 (Hex)0xC0021F1B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The XBC SBE and LPE errors were not cleared properly

Snmp Trap: hpevtXbcPersistantError - 7963 in HPIFPTRAP.MIB

Symptom: the link generated a new error

User Action: check CC, check link

Check logs for other errors. If error is persistent, replace cell board

Windows Event Id: 7964 (Hex)0xC0021F1C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The CC to XBC link pattern test failed.

Snmp Trap: hpevtXbcLinkTestError - 7964 in HPIFPTRAP.MIB

Symptom: Unspecified

Windows Event Id: 7965 (Hex)0xC0021F1D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error Reading a platform storage variable from the PDHC/MP

Snmp Trap: hpevtPltfrmStorageReadErr - 7965 in HPIFPTRAP.MIB

Symptom: Either the MP is not present, or the requested information does not exist. Ensure that the MP is functioning and that the proper data is being requested.

Windows Event Id: 7966 (Hex)0xC0021F1E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An error was returned on a Platform Storage Write Command to the PDHC/MP

Snmp Trap: hpevtPltfrmStorageWriteErr - 7966 in HPIFPTRAP.MIB

Symptom: The MP is not present, may be out of space, or the command was badly formatted. Ensure that the MP has enough space and try again. If the problem persists, contact engineering.

Windows Event Id: 7973 (Hex)0xC0021F25 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The Sequencer was unable to find/use a needed tree node

Snmp Trap: hpevtTreeNodeErrorSequencer - 7973 in HPIFPTRAP.MIB

Symptom: This is a bug, contact engineering

Windows Event Id: 7974 (Hex)0xC0021F26 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Firmware encountered an error in processing the partition variables

Snmp Trap: hpevtPartitionVariableError - 7974 in HPIFPTRAP.MIB

Symptom: Either the GSP was not present or there was a resourse problem storing the varialbe. There should be other clues in the event id log to indicate which is the case. Restore the GSP.

Windows Event Id: 7975 (Hex)0xC0021F27 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A non-critical cell power fault has occurred

Snmp Trap: hpevtCellRedundtPowerFault - 7975 in HPIFPTRAP.MIB

Symptom: A power converter has failed.

Symptom: A CPU Power Module has been disabled following a thermal warning reported by that CPU Module.

User Action: Contact HP Support personnel to troubleshoot the problem

Windows Event Id: 8009 (Hex)0xC0021F49 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: CPUProcConfigValue in /options is not compatible with the current PAL/CPU

Snmp Trap: hpevtPalProcConfigIncompatible - 8009 in HPIFPTRAP.MIB

Symptom: Modify CPUProcConfigValue in /optoins to set the correct bits.

Windows Event Id: 8010 (Hex)0x80021F4A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Firmware was unable to determine the Processor Dependent Features

Snmp Trap: hpevtPalGetProcFeaturesFailed - 8010 in HPIFPTRAP.MIB

Symptom: Contact Engineering, This is a bug.

Windows Event Id: 8127 (Hex)0xC0021FBF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Data field contains data meant for firmware debug only.

Snmp Trap: hpevtPdhcCriticalDebug - 8127 in HPIFPTRAP.MIB

Symptom: Debug event.

User Action: Contact your hp support representative.

Windows Event Id: 8128 (Hex)0xC0021FC0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The CLU has encountered an undefined case

Snmp Trap: hpevtCluUndefinedCase - 8128 in HPIFPTRAP.MIB

Symptom: CLU firmware on the UGUY has gotten into an unexpected execution path, most likely due to a hardware issue on the UGUY.

User Action: Check revision of CLU firmware. If out of date, or known bad revision, use FWUU to update CLU firmware.

Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 8129 (Hex)0x40021FC1 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The Cell power has transitioned from an on to an off state.

Snmp Trap: None

Symptom: The service processor has directed the Cell to power off in response to a PE command.

Symptom: The Cell power has shut down following a critical power fault. If this is the cause, a CELL_POWER_FAULT event should also be emitted.

Windows Event Id: 8130 (Hex)0x80021FC2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An unknown Cell voltage margin has been detected.

Snmp Trap: hpevtCellVoltageMarginUnkn - 8130 in HPIFPTRAP.MIB

Symptom: A user has manually, using back-door debugging methods, altered the voltage margin setting of one or more Cell Board or Cell Power Board converters.

Windows Event Id: 8131 (Hex)0x80021FC3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The run-time verification of a programming assumption has failed.

Snmp Trap: hpevtPdhcAssertionFailed - 8131 in HPIFPTRAP.MIB

Symptom: Hardware in unknown state, or programming bug found.

User Action: Upgrade PDHC firmware to latest revision. If already at current revision, contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 8132 (Hex)0x80021FC4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An unknown error has been detected by the PDHC firmware.

Snmp Trap: hpevtPdhcFirmwareUnknownErr - 8132 in HPIFPTRAP.MIB

Symptom: Hardware in unknown state, or programming bug found.

User Action: Upgrade PDHC firmware to latest revision. If already at current revision, contact HP support personnel to troubleshoot the problem.

Windows Event Id: 8133 (Hex)0x80021FC5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An attempt to write to a device on the PDHCs I2C bus has failed.

Snmp Trap: hpevtPdhcI2cWriteFailed - 8133 in HPIFPTRAP.MIB

Symptom: A hardware fault has occurred.

User Action: Contact HP Support personnel to troubleshoot the Cell Board, Cell Power Board, and/or PDH Daughtercard.

Windows Event Id: 8134 (Hex)0x80021FC6 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An attempt to read from a device on the PDHC's I2C bus has failed.

Snmp Trap: hpevtPdhcI2cReadFailed - 8134 in HPIFPTRAP.MIB

Symptom: A hardware fault has occurred.

User Action: Contact HP Support personnel to troubleshoot the Cell Board, Cell Power Board, and/or PDH Daughtercard.

Windows Event Id: 8135 (Hex)0x80021FC7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An attempt to write to a device on the PDHC's SM bus has failed.

Snmp Trap: hpevtPdhcSmbusWriteFailed - 8135 in HPIFPTRAP.MIB

Symptom: A hardware fault has occurred.

User Action: Contact HP Support personnel to troubleshoot the Cell Board, Cell Power Board, and/or PDH Daughtercard.

Windows Event Id: 8136 (Hex)0x80021FC8 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An attempt to read from a device on the PDHC's SM bus has failed.

Snmp Trap: hpevtPdhcSmbusReadFailed - 8136 in HPIFPTRAP.MIB

Symptom: A hardware fault has occurred.

User Action: Contact HP Support personnel to troubleshoot the Cell Board, Cell Power

Board, and PDH Daughtercard.

Windows Event Id: 8137 (Hex)0xC0021FC9 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cell boot has been disabled due to a failure setting the frequency registers.

Snmp Trap: hpevtFrequencyProgramFailed - 8137 in HPIFPTRAP.MIB

Cause(1, probable): Invalid data programmed in the Cell's FRU EEPROM or a CPU module's Scratch/FRU EEPROM.

User Action: If in manufacturing, program correct data in partition specific field of the Cell or CPU Module's FRU EEPROM. Otherwise, contact HP support personnel to troubleshoot the problem.

Symptom: A hardware fault has occurred.

User Action: Contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 8138 (Hex)0x80021FCA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error has occurred while updating System FW.

Snmp Trap: hpevtSysFwFlashUpdateError - 8138 in HPIFPTRAP.MIB

Symptom: Obsolete version of FWUU.

User Action: If you are not using the latest revision of FWUU, obtain and use the latest version of FWUU to retry the update.

Symptom: MP firmware not at a revision that supports the current version of PDHC FW or System FW.

User Action: If MP is not at a compatible revision, update the MP firmware to a compatible revision and repeat the firmware update.

Symptom: Other error indicated by FWUU.

User Action: Exit from FWUU, reset the MP using the XD command, then attempt to update Sytem FW. If repeated attempts to update the System FW fail, contact HP support personnel to troubleshoot the problem.

Windows Event Id: 8139 (Hex)0x80021FCB (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The PDHC firmware was reset for some unknown reason.

Snmp Trap: hpevtPdhcUnexpectedReset - 8139 in HPIFPTRAP.MIB

Symptom: System FW has reset the PDHC because it suspects the PDHC of corrupting shared memory.

Symptom: A PDHC watchdog timer timeout has occurred because the PDHC was stuck in some unknown state.

Symptom: An unknown hardware fault has caused the PDHC to reset.

User Action: Upgrade PDHC firmware to the latest revision. If the error continues, contact HP support personnel to troubleshoot the PDH Daughtercard and/or Cell Board.

Windows Event Id: 8140 (Hex)0xC0021FCC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cell boot has been disabled because setup of a CPU thermal sensor failed.

Snmp Trap: hpevtCpuTmpSensorSetupFail - 8140 in HPIFPTRAP.MIB

Symptom: A hardware fault exists in the communication path to a CPU module's thermal sensor, or in the thermal sensor itself.

Symptom: A hardware fault prevents access to a CPU module's Processor Information ROM.

User Action: Contact HP support personnel to troubleshoot the Cell Board, the PDH Daughtercard, and/or the offending CPU module.

Windows Event Id: 8141 (Hex)0xC0021FCD (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A CPU module has reported overtemp, so will be powered off in 1 minute.

Snmp Trap: hpevtCpuModuleThermalert - 8141 in HPIFPTRAP.MIB

Symptom: Excessive heat in the data center has caused the CPU module to heat up beyond the programmed temperature threshold.

User Action: Resolve the environmental problem, shut down the partition, then PE the Cell off, then on again.

Symptom: A hardware fault has caused the CPU module to heat up beyond the programmed temperature threshold.

Symptom: The Processor Information ROM on the processor module is unprogrammed or programmed with invalid temperature thresholds.

User Action: Contact HP support personnel to troubleshoot the problem.

Symptom: Excessive heat in the data center has caused the CPU module to heat up beyond the programmed temperature threshold.

User Action: Resolve the environmental problem, shut down the partition, then PE the Cell off, then on again.

Symptom: A hardware fault has caused the CPU module to heat up beyond the programmed temperature threshold.

Symptom: The Processor Information ROM on the processor module is unprogrammed or programmed with invalid temperature thresholds.

User Action: Contact HP support personnel to troubleshoot the problem

Windows Event Id: 8142 (Hex)0x40021FCE (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Additional information about a CPU module overtemp event.

Snmp Trap: None

Symptom: See the Causes/Actions for the CPU_MODULE_THERMALERT event.

Windows Event Id: 8143 (Hex)0x80021FCF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error occurred while updating the PDHC firmware.

Snmp Trap: hpevtPdhcFlashUpdateError - 8143 in HPIFPTRAP.MIB

Symptom: MP firmware not at a revision that supports that version of PDHC firmware.

User Action: If MP is not at a compatible revision, update the MP firmware to a compatible revision and repeat PDHC firmware update.

Symptom: Other error indicated by Firmware Update.

User Action: Exit from Firmware Update, reset the MP using the XD command, then attempt to update PDHC firmware again. If repeated attempts to update the PDHC firmware fail, contact HP support personnel to troubleshoot the problem

Symptom: MP firmware not at a revision that supports that version of PDHC firmware.

User Action: If MP is not at a compatible revision, update the MP firmware to a compatible revision and repeat PDHC firmware update.

Symptom: Other error indicated by Firmware Update.

User Action: Exit from Firmware Update, reset the MP using the XD command, then attempt to update PDHC firmware again. If repeated attempts to update the PDHC firmware fail, contact HP support personnel to troubleshoot the problem.

Windows Event Id: 8147 (Hex)0xC0021FD3 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Boot is disabled because the cell type does not match the System FW ROM type.

Snmp Trap: hpevtCellTypMismatchWSysfw - 8147 in HPIFPTRAP.MIB

Symptom: The System FW ROM in unprogrammed, or an invalid System FW ROM image is programmed in the System FW flash.

User Action: Update the System FW using Firmware Update from the MP.

Symptom: The Cell's installed CPU modules do not all have the same type, frequency and partition compatibility, so the Cell type cannot be accurately determined. In this case, a CPU_MOD_COMPAT_MISMATCH event should also be emitted.

User Action: Contact HP support personnel to troubleshoot the mismatched CPU module

Symptom: A CPU module's FRU data is programmed incorrectly.

User Action: If this is in manufacturing, re-program the FRU specific field of the FRU data for the CPU module. Otherwise, contact HP support personnel to troubleshoot the mismatched CPU module..

Symptom: The System FW ROM in unprogrammed, or an invalid System FW ROM image is programmed in the System FW flash.

User Action: Update the System FW using Firmware Update from the MP.

Symptom: The Cell's installed CPU modules do not all have the same type, frequency and partition compatibility, so the Cell type cannot be accurately determined. In this case, a CPU_MOD_COMPAT_MISMATCH event should also be emitted.

User Action: Contact HP support personnel to troubleshoot the mismatched CPU module.

Symptom: A CPU module's FRU data is programmed incorrectly.

User Action: If this is in manufacturing, re-program the FRU specific field of the FRU data for the CPU module. Otherwise, contact HP support personel to troubleshoot the mismatched CPU module.

Windows Event Id: 8149 (Hex)0x80021FD5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The PDHC has waited an abnormally long time for PDH bus access.

Snmp Trap: hpevtPdhcPdhArbiterTimeout - 8149 in HPIFPTRAP.MIB

Symptom: A hardware fault is preventing the PDH arbiter from granting the PDHC control of the bus.

User Action: Contact HP support personnel to troubleshoot the cell board and/or PDH daughtercard.

Symptom: Bad connection on UGUY clock cable.

User Action: Check UGUY clock cable connection.

Symptom: A hardware fault is preventing the PDH arbiter from granting the PDHC control of the bus.

User Action: Contact HP support personnel to troubleshoot the Cell Board and/or PDH Daughtercard.

Symptom: Bad connection on UGUY clock cable.

User Action: Check UGUY clock cable connection.

Windows Event Id: 8151 (Hex)0x80021FD7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The PDHC has waited an abnormally long time to obtain the PDH semaphore.

Snmp Trap: hpevtPdhcGetSm4Timeout - 8151 in HPIFPTRAP.MIB

Symptom: System FW has control of the PDH bus semaphore, and has failed to relinquish control of it.

User Action: Update the System FW revision to the latest version of System FW using the Firmware Update Utility.

Symptom: A hardware fault is preventing the PDH bus semaphore from being taken/released as expected.

User Action: Contact HP support personnel to troubleshoot the Cell Board and/or PDH Daughtercard

Windows Event Id: 8153 (Hex)0x80021FD9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error occurred while transmitting an IPMI message in the BMC2HOST direction.

Snmp Trap: hpevtIpmiBmc2hostMsgFailure - 8153 in HPIFPTRAP.MIB

Symptom: An unknown OS IPMI driver or Utilities FW bug has occurred.

User Action: Update PDHC FW, MP FW, System FW and the OS IPMI driver to the latest revisions.

Symptom: A hardware fault is preventing the BMC2HOST queue from working.

User Action: Contact HP support personnel to troubleshoot the PDH Daughtercard.

Windows Event Id: 8154 (Hex)0x80021FDA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: EFI unable to read initial debug level from the BMC

Snmp Trap: hpevtEfiDebugLevelTokenErr - 8154 in HPIFPTRAP.MIB

Symptom: BMC not functioning properly.

User Action: Reset the BMC. Contact your HP representative to check the BMC.

Symptom: SAL service to read tokens not functioning properly.

User Action: Reset the system. Clear NVM. Upgrade system firmware.

Windows Event Id: 8156 (Hex)0xC0021FDC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A XBC port was unexpectedly found to not be landmined.

Snmp Trap: hpevtXbcPortNotLandmined - 8156 in HPIFPTRAP.MIB

Symptom: An XBC is indicating a port failure.

User Action: Validate all of the cells connectivity to the PD. Check the TOGO chips seating reset the system replace either cells/system backplane.

Windows Event Id: 8159 (Hex)0xC0021FDF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An invalid number of XBC ports were landmined in the system.

Snmp Trap: hpevtFabricValidateError - 8159 in HPIFPTRAP.MIB

Symptom: Check for hardware failures: flex cables, crossbar chips, etc.

Windows Event Id: 8183 (Hex)0x40021FF7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Fabric Discovery was bypassed due to NVM flag

Snmp Trap: None

Symptom: the FABRIC DISCOVERY ENABLE flag is set to something other than 0x45.

User Action: Ensure that the fabric should have been bypassed. Maybe this is a fabricless boot.

Windows Event Id: 8184 (Hex)0xC0021FF8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The backplane was not recognized as one that contains fabric

Snmp Trap: hpevtFabricISRInvalidBkp - 8184 in HPIFPTRAP.MIB

Symptom: An unrecognized backplane is installed.

User Action: Contact HP Support Personnel to determine why the backplane was unrecognized.

Windows Event Id: 8186 (Hex)0x80021FFA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Writing the XIN Error Mask Register to zero failed

Snmp Trap: hpevtFabricXinWrZeroErrMaskError - 8186 in HPIFPTRAP.MIB

Symptom: CC Write Failure.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8187 (Hex)0xC0021FFB (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Dumping error info. Read status of the Primary Mode Register

Snmp Trap: hpevtFabricCcPriModeRegRdStatus - 8187 in HPIFPTRAP.MIB

Symptom: CC to XBC link init failure. Contact your HP service representative to check the CC to XBC link

Windows Event Id: 8188 (Hex)0xC0021FFC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Data read from the CC Primary Mode CSR

Snmp Trap: hpevtFabricCcPriModeRegRdData - 8188 in HPIFPTRAP.MIB

Symptom: CC to XBC link init failure. Contact your HP service representative to check the CC to XBC link

Windows Event Id: 8189 (Hex)0xC0021FFD (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Dumping error info. Read status of the CC Error Mask Register

Snmp Trap: hpevtFabricCcErrMaskRegRdStatus - 8189 in HPIFPTRAP.MIB

Symptom: CC to XBC link init failure. Contact your HP service representative to check the CC to XBC link

Windows Event Id: 8190 (Hex)0xC0021FFE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Data read from the CC Error Mask CSR

Snmp Trap: hpevtFabricCcErrMaskRegRdData - 8190 in HPIFPTRAP.MIB

Symptom: CC to XBC link init failure.   Contact your HP service representative to check the CC to XBC link

Windows Event Id: 8194 (Hex)0x80022002 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The link could not be crossed upon first attempt

Snmp Trap: hpevtFabricXingNeighborPortBad - 8194 in HPIFPTRAP.MIB

Symptom: The neighbor port is not routable. The port is either: not connected, landmined, in FE, or contains an SBE or LPE.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8195 (Hex)0xC0022003 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed reading an XBC forward progress register

Snmp Trap: hpevtFabricISRRdFwdProgErr - 8195 in HPIFPTRAP.MIB

Symptom: Fabric access error

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8196 (Hex)0x40022004 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Fabric Discovery will retry initialization of the local cell's XBC link

Snmp Trap: None

Symptom: CC to XBC link init failure.

User Action: none, the system will automatically retry the link. Additional error codes will appear if the failure continues.

Windows Event Id: 8198 (Hex)0xC0022006 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Could not find an adjacent XBC due to broken fabric links

Snmp Trap: hpevtFabricGetNeighborMaxLinksBroken - 8198 in HPIFPTRAP.MIB

Symptom: Possible crossbar failure

User Action: Contact HP Support personnel to analyze the crossbar.

Windows Event Id: 8199 (Hex)0x80022007 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The run-time verification of a programming assumption has failed.

Snmp Trap: hpevtPmAssertionFailed - 8199 in HPIFPTRAP.MIB

Symptom: Hardware in unknown state, or programming bug found.

User Action: Upgrade PM firmware to latest revision. If already at current revision, replace UGUY board.

Windows Event Id: 8200 (Hex)0x80022008 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An unknown error has been detected by the PDHC firmware.

Snmp Trap: hpevtPmFirmwareUnknownErr - 8200 in HPIFPTRAP.MIB

Symptom: Hardware in unknown state, or programming bug found.

User Action: Upgrade PM firmware to latest revision. If already at current revision, replace UGUY board.

Windows Event Id: 8202 (Hex)0xC002200A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Data field contains data meant for firmware debug only.

Snmp Trap: hpevtPmCriticalDebug - 8202 in HPIFPTRAP.MIB

Symptom: Debug event.

User Action: Contact your hp support representative.

Windows Event Id: 8205 (Hex)0x8002200D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Testing of correctable errors injected from the CC has failed

Snmp Trap: hpevtFabricLinkCorErrTestFailure - 8205 in HPIFPTRAP.MIB

Symptom: Either the CC failed to inject the errors, the XBC failed to detect them, or PDC could not access the XBC CSR.

User Action: Check results from other cells connected to the same XBC. Check CC, Check XBC, Contact HP Support Personnel.

Windows Event Id: 8206 (Hex)0xC002200E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A cabinet has been configured using an invalid cabinet number

Snmp Trap: hpevtInvalidCabinetNumber - 8206 in HPIFPTRAP.MIB

Symptom: Re-configure cabinet to use a valid cabinet number.

Windows Event Id: 8207 (Hex)0xC002200F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cells trying to join a PD are at incompatible firmware revisions

Snmp Trap: hpevtPdIncompatibleFwRevs - 8207 in HPIFPTRAP.MIB

Symptom: The reporting cell is at a different firmware revision than the cell reported in the data field. A PD cannot be established. Please reprogram the 2 cells to the same firmware revision.

Windows Event Id: 8212 (Hex)0x80022014 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An attempt to write to a device on the PM's I2C bus has failed.

Snmp Trap: hpevtPmI2cWriteFailed - 8212 in HPIFPTRAP.MIB

Symptom: A hardware error has occurred.

User Action: Replace the UGUY board.

Windows Event Id: 8214 (Hex)0x80022016 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An attempt to read from a device on the PM's I2C bus has failed.

Snmp Trap: hpevtPmI2cReadFailed - 8214 in HPIFPTRAP.MIB

Symptom: A hardware error has occurred.

User Action: Replace the UGUY board.

Windows Event Id: 8216 (Hex)0x80022018 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error was encountered updating the cell info structure in ICM

Snmp Trap: hpevtCellInfoError - 8216 in HPIFPTRAP.MIB

Symptom: This should not happen. Contact engineering to diagnose the problem.

Windows Event Id: 8218 (Hex)0x8002201A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error was encountered pointing the slave cell consoles to the diva

Snmp Trap: hpevtSlaveConsoleSetupError - 8218 in HPIFPTRAP.MIB

Symptom: A CPU on the slave cell could not process an interrupt in time or establish the diva console.

Windows Event Id: 8219 (Hex)0xC002201B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An error was encountered trying to relocate a slave cells registry

Snmp Trap: hpevtRegistryMoveToCoreCellError - 8219 in HPIFPTRAP.MIB

Symptom: There could be a PD rendezvous error or a processor on the slave cell failed to respond to an interrupt in time.

Windows Event Id: 8220 (Hex)0xC002201C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Complex Profile Group C CRC didn't match the expected value

Snmp Trap: hpevtProfileGroupCCrcError - 8220 in HPIFPTRAP.MIB

Symptom: Push out a new Group C complex profile.

Windows Event Id: 8222 (Hex)0xC002201E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Machine check type could not be determined.

Snmp Trap: hpevtErrCheckFallThrough - 8222 in HPIFPTRAP.MIB

Symptom: Save event list and Processor HPMC PIM for analysis by lab.

Windows Event Id: 8226 (Hex)0x40022022 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cell has joined OLA Rendezvous

Snmp Trap: None

Symptom: Unspecified

Windows Event Id: 8234 (Hex)0x4002202A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Reset the reo ropes during MCA error handling.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 8235 (Hex)0x4002202B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This means that the elroy error information has been logged.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 8236 (Hex)0x4002202C (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: OS MCA handoff to SAL

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 8237 (Hex)0x4002202D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Selection of partition monarch during a global MCA.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 8238 (Hex)0xC002202E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failure to identify a core cell during Global MCA.

Snmp Trap: hpevtMcCoreCellSelectFail - 8238 in HPIFPTRAP.MIB

Symptom: This will lead to a system reset.

Windows Event Id: 8239 (Hex)0x8002202F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unexpected fabric firmware error

Snmp Trap: hpevtFabricAssertFabricUtils - 8239 in HPIFPTRAP.MIB

Symptom: An unanticipated error occurred. Contact HP Support personnel to analyze the IPMI FPL log.

Windows Event Id: 8240 (Hex)0xC0022030 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Internal firmware programming error in the PMI handler.

Snmp Trap: hpevtSalPmiFwError - 8240 in HPIFPTRAP.MIB

Symptom: Report the IP to the firmware team. Reset the system. This cannot be worked around in the field.

Windows Event Id: 8243 (Hex)0xC0022033 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: During a Cell On Line Add inconsistent number of cells discovered

Snmp Trap: hpevtOlaWrongNumberCells - 8243 in HPIFPTRAP.MIB

Symptom: This can be caused by inconsistent profile information. This can also occur when an expected cell did not make the original boot of the partition. Update the complex profile to all the cells with a correct view of the system and try to add the cell again.

Windows Event Id: 8257 (Hex)0x80022041 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error reading source cell port on XBC during data traversability test

Snmp Trap: hpevtFabricXbcRouteSourceCellPortErr - 8257 in HPIFPTRAP.MIB

Symptom: A read error most likely occurred. Look for preceeding chassis codes to determine exact cause.

Windows Event Id: 8259 (Hex)0x40022043 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: an OLA was attempted on a cell already in the partition

Snmp Trap: None

Symptom: wrong cell specified for OLA operation.

User Action: Specify correct cell that is not already part of the partition.

Windows Event Id: 8269 (Hex)0x8002204D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPUs of different maximum core frequencies are installed

Snmp Trap: hpevtBootMixedCpuCoreFreqInstalled - 8269 in HPIFPTRAP.MIB

Symptom: CPU's of mixed maximum core frequencies are installed.

User Action: If operating at the slowest of the maximum core frequency of installed CPU's is acceptible, no action is necessary. If not, replace the slower core frequency CPU's to match the faster CPU's. This will enable all CPU's to work at their maximum frequency.

Windows Event Id: 8271 (Hex)0xC002204F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The RVL CC-Togo link initialization workaround (PS221) failed

Snmp Trap: hpevtXinInitIntermittentFailure - 8271 in HPIFPTRAP.MIB

Symptom: The link initialization failed at least once and then subsequently was successful.

Windows Event Id: 8643 (Hex)0x800221C3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PDC failed clearing the OLA steering bit in the Dillon microstatus reg.

Snmp Trap: hpevtPdhErrClearOlaSteeringBit - 8643 in HPIFPTRAP.MIB

Symptom: Probably something wrong with the cell hardware.

User Action: Try OLAing a different cell. Contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 8648 (Hex)0xC00221C8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Fabric Discovery could not initialize the local cell's XBC link

Snmp Trap: hpevtFabricCc2XbcLinkInitFailed - 8648 in HPIFPTRAP.MIB

Symptom: CC to XBC link init failure.

User Action: check CC, XBC, reset cell, reset backplane

Windows Event Id: 8652 (Hex)0xC00221CC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Internal firmware programming error

Snmp Trap: hpevtFwVirtualMappingError - 8652 in HPIFPTRAP.MIB

Symptom: Report the IP to the firmware team. Reset the system. This cannot be worked around in the field.

Windows Event Id: 8676 (Hex)0xC00221E4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error writing the XIN init disable register.

Snmp Trap: hpevtFabricXinInitWriteErr - 8676 in HPIFPTRAP.MIB

Symptom: Check XBC, CC, backplane

Windows Event Id: 8677 (Hex)0xC00221E5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error reading the XIN init state register.

Snmp Trap: hpevtFabricXinInitReadErr - 8677 in HPIFPTRAP.MIB

Symptom: Check XBC, CC, backplane

Windows Event Id: 8678 (Hex)0x400221E6 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PDC version of the existing partition in conflict with the OLA cell's version

Snmp Trap: None

Symptom: PDC version conflicts between OLA Cell and existing partition.

User Action: Change PDC rev on OLA cell to agree with partition.

Windows Event Id: 8679 (Hex)0xC00221E7 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: intermittent failure while retrieying the CC to XBC link init

Snmp Trap: hpevtFabricLinkInitIntermittentFailure - 8679 in HPIFPTRAP.MIB

Symptom: contact your HP service representative

Windows Event Id: 8680 (Hex)0x400221E8 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CPU Revision on OLA cell that conflicts with the CPU revs on existing partition

Snmp Trap: None

Symptom: PDC version conflicts between OLA Cell and existing partition.

User Action: OLA a cell with CPU version that matches the existing partition.

Windows Event Id: 8681 (Hex)0x400221E9 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Existing partition's CPU Revision that conflicts with the CPU revs on OLA cell

Snmp Trap: None

Symptom: CPU revision conflicts between OLA Cell and existing partition.

User Action: OLA a cell with CPUs compatible with the existing partition's CPU revisions

Windows Event Id: 8682 (Hex)0x400221EA (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: OLA cell CPU Hversion that conflicts with the CPU Hversion on existing partition

Snmp Trap: None

Symptom: CPU Hversion conflicts between OLA Cell and existing partition.

User Action: OLA cell with processors whose Hversion mathces that of the existing partition's processors.

Windows Event Id: 8683 (Hex)0x400221EB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Partition's CPU Hversion that conflicts with the CPU Hversion on OLA cell

Snmp Trap: None

Symptom: CPU Hversion conflicts between OLA Cell and existing partition.

User Action: OLA a cell with CPUs whose Hversion matches that of the existing partition's processors.

Windows Event Id: 8684 (Hex)0x400221EC (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CPU speed on OLA cell that conflicts with the CPU speed on existing partition

Snmp Trap: None

Symptom: CPU speed conflicts between OLA Cell and existing partition.

User Action: OLA cell with processors whose speed is compatible with the processors in the existing partition..

Windows Event Id: 8685 (Hex)0x400221ED (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CPU speed of existing partition that conflicts with the CPU speed on OLA cell.

Snmp Trap: None

Symptom: CPU speed conflicts between OLA Cell and existing partition.

User Action: OLA a cell with CPU speeds compatible with those of the processors in the existing partition.

Windows Event Id: 8690 (Hex)0x800221F2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Initialization of a PCI node in the firmware device tree failed

Snmp Trap: hpevtIodiscPciInitnodeError - 8690 in HPIFPTRAP.MIB

Symptom: A firmware error setting up data storage to allow PCI bus bridge processing to occur.

User Action: Correct any previous errors reset the system clear NVM and reset the system Update to the latest recipe. Replace the cell board.

Windows Event Id: 8691 (Hex)0xC00221F3 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An error was encountered while scanning the PCI bus.

Snmp Trap: hpevtIodiscPciBusscanError - 8691 in HPIFPTRAP.MIB

Symptom: A firmware error setting up data storage to allow PCI bus scanning to occur.

User Action: Correct any previous error, reset the system, clear NVM and reset the system Update to the latest recipe. Replace the cell board.

Windows Event Id: 8692 (Hex)0x800221F4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error was encountered initializing the PCI bridge

Snmp Trap: hpevtIodiscPciInitbridgeError - 8692 in HPIFPTRAP.MIB

Symptom: A firmware error setting up data storage to allow PCI bus bridge processing to occur.

User Action: Correct any previous errors, reset the system, clear NVM and reset the system Update to the latest recipe. Replace the cell board.

Windows Event Id: 8693 (Hex)0x800221F5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error was encountered initializing the PCI IO map.

Snmp Trap: hpevtIodiscPciIomapError - 8693 in HPIFPTRAP.MIB

Symptom: PCI requested I/O port size larger than system can handle

User Action: Correct any previous errors. Remove cards that are requesting too much memory space or move a card to a dual rope slot (PCI slots 1-7).

Windows Event Id: 8694 (Hex)0x800221F6 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error was encountered creating the PCI MMIO map

Snmp Trap: hpevtIodiscPciMmiomapError - 8694 in HPIFPTRAP.MIB

Symptom: PCI requested memory map size larger than system can handle

User Action: Correct any previous errors. Remove cards that are requesting too much memory space or move a card to a dual rope slot (PCI slots 1-7).

Windows Event Id: 8709 (Hex)0xC0022205 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: There was an error initializing the SBA node

Snmp Trap: hpevtIodiscSbaInitnodeError - 8709 in HPIFPTRAP.MIB

Symptom: An error was while initializing the SBA firmware structures

User Action: Correct any previous errors. Invalidate NVM and reset replace the cell board

Windows Event Id: 8710 (Hex)0xC0022206 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: There was an error discovering the SBA

Snmp Trap: hpevtIodiscSbaDiscoverError - 8710 in HPIFPTRAP.MIB

Symptom: An error was discovered with the SBA during discovery

User Action: Correct any previous errors. Replace the I/O backplane

Log Severity: Error(3)

Log Message: An error was encountered while resetting the SBA

Snmp Trap: hpevtIodiscSbaResetError - 8711 in HPIFPTRAP.MIB

Symptom: An error was detected while resetting the ropes

User Action: replace the I/O backplane

Windows Event Id: 8712 (Hex)0x80022208 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: There was an error initializing the IO link

Snmp Trap: hpevtIodiscIolinkError - 8712 in HPIFPTRAP.MIB

Symptom: Unable to establish the link between the CC and IOC.

User Action: Validate power to the I/O chassis. Reset the system. A/C power cycle. Replace the I/O backplane, cell, and system backplane to resolve the issue.

Windows Event Id: 8713 (Hex)0x80022209 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: There is a problem initializing the REO cable

Snmp Trap: hpevtIodiscCableError - 8713 in HPIFPTRAP.MIB

Symptom: Check the REO cable connection

Windows Event Id: 8714 (Hex)0xC002220A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The IO chassis discovered was powered off

Snmp Trap: hpevtIodiscIoChassisPower - 8714 in HPIFPTRAP.MIB

Symptom: No action required.

Windows Event Id: 8715 (Hex)0x8002220B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: There was an error initializing the LBA

Snmp Trap: hpevtIodiscLbaInitnodeError - 8715 in HPIFPTRAP.MIB

Symptom: Error initializing the LBA node and services

User Action: Validate that there is not another error causing this error.
 Invalidate NVM and reset or replace the cell board

Windows Event Id: 8716 (Hex)0xC002220C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: There was an error querying the LBA width

Snmp Trap: hpevtIodiscLbaWidthError - 8716 in HPIFPTRAP.MIB

Symptom: Error while writing the LBA phase data

User Action: Replace the I/O backplane

Windows Event Id: 8717 (Hex)0x8002220D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: There was an error with the LBA phase

Snmp Trap: hpevtIodiscLbaPhaseError - 8717 in HPIFPTRAP.MIB

Symptom: Error while writing the LBA phase data

User Action: Replace the I/O backplane

Windows Event Id: 8718 (Hex)0x8002220E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: There was an error clearing the LBA

Snmp Trap: hpevtIodiscLbaClearError - 8718 in HPIFPTRAP.MIB

Symptom: Unable to clear an error in the LBA

User Action: Check other events for the error being generated.
Replace either the PCI card or the I/O backplane

Windows Event Id: 8719 (Hex)0xC002220F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: There was an error with the LBA log

Snmp Trap: hpevtIodiscLbaLogError - 8719 in HPIFPTRAP.MIB

Symptom: Error log is corrupt

User Action: Clear errors and continue

Windows Event Id: 8720 (Hex)0xC0022210 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: There was an error discovering the LBA

Snmp Trap: hpevtIodiscLbaDiscoverError - 8720 in HPIFPTRAP.MIB

Symptom: The wrong backplane type was detected

User Action: replace I/O backplane

Windows Event Id: 8721 (Hex)0x80022211 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: There was an error configuring the LBA

Snmp Trap: hpevtIodiscLbaConfigError - 8721 in HPIFPTRAP.MIB

Symptom: Unable to configure the LBA

User Action: replace I/O backplane

Windows Event Id: 8722 (Hex)0xC0022212 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: There was an error scanning the PCI bus

Snmp Trap: hpevtIodiscLbaPciscanError - 8722 in HPIFPTRAP.MIB

Symptom: Internal firmware error detected by PCI scan

User Action: Correct any previous errors that may cause this error. Replace the Cell

Windows Event Id: 8723 (Hex)0xC0022213 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: There was an error configuring PCI space through the LBA

Snmp Trap: hpevtIodiscLbaPciconfigError - 8723 in HPIFPTRAP.MIB

Symptom: Unable to obtain semaphore

User Action: Reset. Update to latest recipe.

Windows Event Id: 8747 (Hex)0xC002222B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Firmware was unable to find a suitable block of main memory to relocate ROM

Snmp Trap: hpevtBootFwRelocMemErr - 8747 in HPIFPTRAP.MIB

Symptom: Probably caused by lots of PDT entries, or no main memory present.

Windows Event Id: 8756 (Hex)0xC0022234 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The Options service received an NVRAM allocation error.

Snmp Trap: hpevtOptsNvmAllocError - 8756 in HPIFPTRAP.MIB

Symptom: Invalidate NVRAM and reset.

Windows Event Id: 8758 (Hex)0x80022236 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: SAL errlog access timeout

Snmp Trap: hpevtSalInfoTimeout - 8758 in HPIFPTRAP.MIB

Symptom: Firmware is taking too long to process requests.

Windows Event Id: 8759 (Hex)0x40022237 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Indicates the dillon IPR is cleared on the cell.

Snmp Trap: None

Symptom: The Dillon IPR is not clear after the 1st read. Please look at the next Chassis Code to see the number of tries PDC did to clear IPR.

User Action: None.

Windows Event Id: 8760 (Hex)0x40022238 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Indicates the number of reading times PDC tried to clear the Dillon IPR.

Snmp Trap: None

Symptom: The Dillon IPR is not cleared after 1st read. PDC needs to try a number of time to clear the Dillon IPR.

User Action: None.

Windows Event Id: 8761 (Hex)0x80022239 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The Dillon IPR is not cleared after a MAX_RD_CLR_IPR_TRIES on a cell.

Snmp Trap: hpevtPdhIprNotClearedOnCell - 8761 in HPIFPTRAP.MIB

Symptom: The Dillon IPR is not cleared after a MAX_RD_CLR_IPR_TRIES on a cell.

User Action: Contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 8762 (Hex)0x8002223A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Indicated the Dillon IPR is not cleared after a number of PDC attemps.

Snmp Trap: hpevtPdhIprClearAttempts - 8762 in HPIFPTRAP.MIB

Symptom: Dillon IPR is not cleared after a number of PDC attemps.

User Action: Contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 8768 (Hex)0x80022240 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The echelon given in the data field is not fully populated.

Snmp Trap: hpevtMemIncompleteEchelon - 8768 in HPIFPTRAP.MIB

Symptom: cause - the specified echelon is not fully populated and is not usable   action - add
or replace dimms in the specified echelon

Windows Event Id: 8770 (Hex)0x40022242 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Attempting to read the port state of an external port

Snmp Trap: None

Symptom: Invalid port number

User Action: Contact PDC team since the port state access may be happening in an improper
context.

Windows Event Id: 8771 (Hex)0x80022243 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Attempted to read the port state from an illegal port number

Snmp Trap: hpevtFabricRdPortStatePortInvalid - 8771 in HPIFPTRAP.MIB

Symptom: An invalid port number has been provided. The port number will be converted to an internal port and processing should continue.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8772 (Hex)0x80022244 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Attempted to write the port state for an illegal port

Snmp Trap: hpevtFabricWrPortStatePortInvalid - 8772 in HPIFPTRAP.MIB

Symptom: An invalid port number has been provided. The port number will be converted to an internal port and processing should continue.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8773 (Hex)0x40022245 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Attempted to write the port state for an external port number

Snmp Trap: None

Symptom: Unexpected port number format

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8781 (Hex)0x4002224D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: A brownout has been detected on the AC input.

Snmp Trap: None

Symptom: A brownout has been detected on the AC input.

Windows Event Id: 8782 (Hex)0x4002224E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The main backplane is reporting the LPM status as good.

Snmp Trap: None

Symptom: None

Windows Event Id: 8783 (Hex)0x4002224F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The main backplane is reporting the LPM status as off.

Snmp Trap: None

Symptom: None.

Windows Event Id: 8784 (Hex)0x80022250 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The main backplane is reporting the LPM status as fault.

Snmp Trap: hpevtMainBpLpmFlt - 8784 in HPIFPTRAP.MIB

Symptom: Many possible causes, repair / replace the appropriate part.

Windows Event Id: 8785 (Hex)0x40022251 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The IO backplane is reporting the LPM status as good.

Snmp Trap: None

Symptom: None.

Windows Event Id: 8786 (Hex)0x40022252 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The IO backplane is reporting the LPM status as off.

Snmp Trap: None

Symptom: None

Windows Event Id: 8787 (Hex)0x80022253 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The IO backplane is reporting a LPM status as fault.

Snmp Trap: hpevtIoBpLpmFlt - 8787 in HPIFPTRAP.MIB

Symptom: Service / replace the appropiate part of, or the entire backplane.

Windows Event Id: 8797 (Hex)0xC002225D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: System firmware was unable to default the complex profile

Snmp Trap: hpevtCmplxProfileInitFailed - 8797 in HPIFPTRAP.MIB

Symptom: Needed information could not be obtained. Reset the MP.

Windows Event Id: 8798 (Hex)0x8002225E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Firmware could not set Pal Proc features

Snmp Trap: hpevtPalSetProcFeaturesFailed - 8798 in HPIFPTRAP.MIB

Symptom: FW MCA code uses this PAL_SET_PROC_FEATURES to escalate future MCA to BINIT. This event id when emitted during an MCA processing means that any subsequent global MCA would not cause all the processors in the PD to MCA again.

Windows Event Id: 8802 (Hex)0x40022262 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Firmware successfully promoted MCA to BINIT during Local MCA

Snmp Trap: None

Symptom: Nothing.

Windows Event Id: 8803 (Hex)0x40022263 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: MCA caused by Blocking Timeout severity error.

Snmp Trap: None

Symptom: No Action required.

Windows Event Id: 8806 (Hex)0x80022266 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Means that the error log space in the Nvram has not been allocated.

Snmp Trap: hpevtActiveLogNotFound - 8806 in HPIFPTRAP.MIB

Symptom: This happens because of the NVRAM is full with unconsumed error logs. Clear the error logs.

Windows Event Id: 8807 (Hex)0x80022267 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: This indicates the maximum number of logs for the event.

Snmp Trap: hpevtReachedMaxErrorLogs - 8807 in HPIFPTRAP.MIB

Symptom: This shouldn't be occur. But in case it does than clear the error logs of this event type from the nvram.

Windows Event Id: 8814 (Hex)0x8002226E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: On Line Delete operation was begun but firmware couldn't find a deletable cell

Snmp Trap: hpevtOldNoCellToDelete - 8814 in HPIFPTRAP.MIB

Symptom: This can occur if the OS has not returned all the CPUs to firmware or if a cell is not marked correctly in the complex profile to allow its deletion.

Windows Event Id: 8815 (Hex)0x4002226F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The specified cell has been powered ON.

Snmp Trap: None

Symptom: The cell has been powered on

Windows Event Id: 8816 (Hex)0x40022270 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The specified cell has been powered off.

Snmp Trap: None

Symptom: The cell has been powered off.

Windows Event Id: 8817 (Hex)0xC0022271 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The bulk power system is above its current capacity.

Snmp Trap: hpevtBpsOvercurrent - 8817 in HPIFPTRAP.MIB

Symptom: N/A

Windows Event Id: 8818 (Hex)0x80022272 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The bulk specified is warning of a potential thermal problem.

Snmp Trap: hpevtBpsWarnOt - 8818 in HPIFPTRAP.MIB

Symptom: The bulk power supply is warning of an overtemperature condition

Windows Event Id: 8819 (Hex)0xC0022273 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Malloc failed while trying to process and ERM

Snmp Trap: hpevtErmOutOfHeap - 8819 in HPIFPTRAP.MIB

Symptom: Heap space is completely used or corrupt. Contact Product Engineering.

Windows Event Id: 8821 (Hex)0x80022275 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Dimm at physical location in data field is not supported on this platform.

Snmp Trap: hpevtMemDimmUnsupported - 8821 in HPIFPTRAP.MIB

Symptom: Unsupported dimm in specified slot

User Action: Replace dimm with supported dimm.

Windows Event Id: 8828 (Hex)0xC002227C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The OPTIONS component received a memory allocation error.

Snmp Trap: hpevtOptsMallocError - 8828 in HPIFPTRAP.MIB

Symptom: Invalidate NVRAM and reset.

Windows Event Id: 8837 (Hex)0x80022285 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A dimm or CPU has is deconfigured or failed testing

Snmp Trap: hpevtCellHwDegraded - 8837 in HPIFPTRAP.MIB

Symptom: A deconfigured dimm or cpu has been detected. Examine earlier events to isolate the problem.

Windows Event Id: 8838 (Hex)0x40022286 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The Cell Integration Policy is being reported

Snmp Trap: None

Symptom: Informational only. Use parmgr to change the policy.

Windows Event Id: 8839 (Hex)0xC0022287 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The cell will not join the PD

Snmp Trap: hpevtNotIntegratingCell - 8839 in HPIFPTRAP.MIB

Symptom: Broken hardware was detected and the cell integration policy combined to cause the cell to not join the PD. Fix the broken hardware or change the policy using parmgr.

Windows Event Id: 8840 (Hex)0x40022288 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Context data from the IO errors engine. Needs to be post processed.

Snmp Trap: None

Symptom: IO subsystem failed

User Action: Check for other errors in the system first.

send the events to R&D for analysis, Replace IO subsystem components until error is resolved:

CI cards, I/O backplane, cell, system backplane.

Windows Event Id: 8841 (Hex)0x40022289 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: IO Failed for this cell

Snmp Trap: None

Symptom: IO failed, could fail for many reasons. See other data.

Windows Event Id: 8842 (Hex)0x8002228A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The error context in NVM was corrupt

Snmp Trap: hpevtIoContextCorruptErr - 8842 in HPIFPTRAP.MIB

Symptom: NVM is corrupted.

User Action: Check for other errors in the system first.- invalidate NVM and retry boot.

Get the latest firmware release.

Windows Event Id: 8843 (Hex)0x8002228B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A rope went fatal from the SBA

Snmp Trap: hpevtIoRopeFatal - 8843 in HPIFPTRAP.MIB

Symptom: Mainly a hardware problem causes this problem.

User Action: Replace I/O chassis.

Windows Event Id: 8844 (Hex)0x8002228C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A PCI bus on the system went fatal.

Snmp Trap: hpevtIoBusFatal - 8844 in HPIFPTRAP.MIB

Symptom: A bad card, a bad device, or a system harware problem can cause this to occur. Card will be powered off (if possible) and the attention light on the slot will be lit indicating an error.

User Action: Reseat Card. - replace Card.- if error persists, contact HP support.

Windows Event Id: 8845 (Hex)0x8002228D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: One of the rope units in the SBA is dead.

Snmp Trap: hpevtIoRopeUnitFatal - 8845 in HPIFPTRAP.MIB

Symptom: Usually hardware.

Windows Event Id: 8851 (Hex)0x80022293 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The System Flash Write Enable bit is incorrectly set and now clearing by PDC

Snmp Trap: hpevtPdhFlashWriteEnableBitSetNowCleared - 8851 in HPIFPTRAP.MIB

Symptom: The System Flash Write Enable bit is incorrectly set by hardware and now cleared by PDC.

User Action: If this chassis code occurs in every boot then contact HP Support personnel to troubleshoot the problem.

Windows Event Id: 8855 (Hex)0xC0022297 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Firmware encountered a problem trying to initialize

Snmp Trap: hpevtFirmwareInitError - 8855 in HPIFPTRAP.MIB

Symptom: Examine the related event that failed and correct that problem.

Windows Event Id: 8857 (Hex)0x80022299 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: This means that all the cpus in the cell did not show up.

Snmp Trap: hpevtMcIncompleteCpuSet - 8857 in HPIFPTRAP.MIB

Symptom: This will result in the cell stepping independently to collect its logs and restting itself.

Windows Event Id: 8858 (Hex)0x8002229A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: This means that all the cells did not rendezvous during the PD rendezvous.

Snmp Trap: hpevtMcIncompleteCellSet - 8858 in HPIFPTRAP.MIB

Symptom: The cells will reset themselves.

Windows Event Id: 8859 (Hex)0x8002229B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The FW tree sanity check failed during the MCA error processing.

Snmp Trap: hpevtMcTreeCheckFailed - 8859 in HPIFPTRAP.MIB

Symptom: The cells will independently log errors and reset.

Windows Event Id: 8860 (Hex)0x8002229C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: This means that the registry sanity chack failed during MCA error handling.

Snmp Trap: hpevtMcRegistryCheckFailed - 8860 in HPIFPTRAP.MIB

Symptom: The cells will independently log errors and reset.

Windows Event Id: 8861 (Hex)0x8002229D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: This means that MCA ocuured while OS_MCA was parforming error recovery.

Snmp Trap: hpevtMcDuringOsMca - 8861 in HPIFPTRAP.MIB

Symptom: The cells will log information and reset.

Windows Event Id: 8864 (Hex)0x800222A0 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: One of the BT errors occurred that results in abandoning memory dump.

Snmp Trap: hpevtMcMemDumpAbandon - 8864 in HPIFPTRAP.MIB

Symptom: A machine check has occurred and cells have not rendezvoused.

User Action: Cells will reset themselves.

Windows Event Id: 8865 (Hex)0x800222A1 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The firmware tree is not complete and hence there will be no PD rendezvous.

Snmp Trap: hpevtMcFwTreeNotComplete - 8865 in HPIFPTRAP.MIB

Symptom: The cell will log errors and reset

Windows Event Id: 8872 (Hex)0xC00222A8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: ACPI configuration mismatch across cells in the partition

Snmp Trap: hpevtAcpiConfigMismatch - 8872 in HPIFPTRAP.MIB

Symptom: Set the ACPI configuration parameter again to ensure that all cells have a consistent value.

Windows Event Id: 8873 (Hex)0xC00222A9 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed clearing of the XIN_ERR_ORDER_STATUS CSR

Snmp Trap: hpevtFabricXinErrOrderStatusClrFailed - 8873 in HPIFPTRAP.MIB

Symptom: Failure to access the register or the write did not work.

User Action: Contact HP Support personnel to check the CC.

Windows Event Id: 8875 (Hex)0x800222AB (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Invalid Real Time Clock Cleared

Snmp Trap: hpevtInvalidRtc - 8875 in HPIFPTRAP.MIB

Symptom: Corrupted RTC contents

User Action: Replace battery on System Board.

Windows Event Id: 8876 (Hex)0x800222AC (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unexpected fabric firmware error

Snmp Trap: hpevtFabricAssertFabricInit - 8876 in HPIFPTRAP.MIB

Symptom: An unanticipated error occurred. Contact HP Support personnel to analyze the IPMI FPL log.

Windows Event Id: 8877 (Hex)0x800222AD (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Invalid data read from a CPU module's Processor Information ROM.

Snmp Trap: hpevtInvalidPiromData - 8877 in HPIFPTRAP.MIB

Symptom: The CPU module's Processor Information ROM is unprogrammed.

User Action: Contact HP support personnel to troubleshoot the CPU module pointed to by the physical location portion of this event.
Symptom: The CPU module's Processor Information ROM contains invalid data.

User Action: Contact HP support personnel to troubleshoot the CPU module pointed to by the physical location portion of this event.

Windows Event Id: 8882 (Hex)0x800222B2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Invalid paramater when setting cpu frequency ratios

Snmp Trap: hpevtSettingFreqRatiosError - 8882 in HPIFPTRAP.MIB

Symptom: Specify a valid parameter.

Windows Event Id: 8883 (Hex)0x800222B3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Option block in nvram has a checksum error

Snmp Trap: hpevtOptsBlockCksumError - 8883 in HPIFPTRAP.MIB

Symptom: Clear NVRAM.

Windows Event Id: 8894 (Hex)0x800222BE (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CC to CC link did not initialize on the local cell

Snmp Trap: hpevtFabricColaLocalCcLinkNotInit - 8894 in HPIFPTRAP.MIB

Symptom: link failure between the XBC and the CC

User Action: Check CC.

Windows Event Id: 8895 (Hex)0x800222BF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to write the CC link disable register

Snmp Trap: hpevtFabricXinInitDisableWrError - 8895 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8896 (Hex)0x800222C0 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An unknown backplane type was found

Snmp Trap: hpevtFabricXinErrMaskUnknownBkp - 8896 in HPIFPTRAP.MIB

Symptom: CSR Read/Write error

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8897 (Hex)0x800222C1 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error writing the CC link error mask.

Snmp Trap: hpevtFabricXinWrErrMaskError - 8897 in HPIFPTRAP.MIB

Symptom: Fabric Access Error.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8898 (Hex)0x800222C2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to read the CC's fabric link error mask

Snmp Trap: hpevtFabricXinRdErrMaskError - 8898 in HPIFPTRAP.MIB

Symptom: CC CSR access failure.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8900 (Hex)0xC00222C4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Could not initialize the CC to CC link upon boot.

Snmp Trap: hpevtFabricInitCcLinkFailure - 8900 in HPIFPTRAP.MIB

Symptom: CC CSR Access Failure.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8906 (Hex)0x800222CA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An Error occurred trying to notify the MP of the attempted reset.

Snmp Trap: hpevtResetCommandError - 8906 in HPIFPTRAP.MIB

Symptom: The MP is not functioning or the PDHC cannot communicate with it. Reset the MP.

Windows Event Id: 8924 (Hex)0x800222DC (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error Data tied to a previous Error Assert event

Snmp Trap: hpevtErrAssertData - 8924 in HPIFPTRAP.MIB

Symptom: System Firmware design or code bug is likely.

User Action: Contact the Response Center to report defect – Upgrade PDC firmware

Windows Event Id: 8926 (Hex)0x800222DE (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed disabling the XIN link for a single cell medel

Snmp Trap: hpevtFabricInitCcLinkDisableErr - 8926 in HPIFPTRAP.MIB

Symptom: Fabric Access Error.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8928 (Hex)0x400222E0 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The IIP of the processor during an INIT event.

Snmp Trap: None

Symptom: No Action required.

Windows Event Id: 8929 (Hex)0x400222E1 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The IPSR value of the processor during an INIT event.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 8930 (Hex)0xC00222E2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error while getting the XBC Semaphore

Snmp Trap: hpevtFabricSetPortStateGetSm4Err - 8930 in HPIFPTRAP.MIB

Symptom: Most likely a hardware problem, but confirm the cause by looking at the return status.

User Action: Check XBC, Backplane, Flex Cables, Contact HP Support Personnel for further troubleshooting.

Windows Event Id: 8931 (Hex)0x800222E3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error releasing the XBC Semaphore

Snmp Trap: hpevtFabricSetPortStateRlsSm4Err - 8931 in HPIFPTRAP.MIB

Symptom: Fabric Access problem. Either an error reading the hardware or XBC Key contention.

User Action: Look for additional chassis codes to provide detail. Check XBC, Backplane, Flex Cables, Contact HP Support Personnel.

Windows Event Id: 8936 (Hex)0x800222E8 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unexpected fabric firmware error

Snmp Trap: hpevtFabricAssertFabricErr - 8936 in HPIFPTRAP.MIB

Symptom: An unanticipated error occurred. Contact HP Support personnel to analyze the IPMI FPL log.

Windows Event Id: 8938 (Hex)0x400222EA (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: About to initalize the CC link

Snmp Trap: None

Symptom: N/A

Windows Event Id: 8939 (Hex)0x800222EB (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The CC's XIN link was found to be already initialized

Snmp Trap: hpevtFabricXinLinkAlreadyInit - 8939 in HPIFPTRAP.MIB

Symptom: Firmware problem. Contact HP Support Personnel.

Windows Event Id: 8940 (Hex)0xC00222EC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cell has been disabled by the PDHC because no CPU modules were found.

Snmp Trap: hpevtNoCpuModulesFoundByPdhc - 8940 in HPIFPTRAP.MIB

Cause(1, probable): No CPU modules are installed.

User Action: Install CPU modules on the Cell.

Symptom: A Cell or PDH Daughtercard error is causing the presence of CPU modules to be reported incorrectly to the PDHC.

User Action: Contact HP support personnel to troubleshoot the PDH Daughtercard and/or Cell board.

Symptom: The CPU module(s) that are installed have invalid data stored in the partition specific field of the FRU EEPROM.

User Action: If in manufacturing, reprogram the partition specific field of the CPU module(s) FRU EEPROM. Otherwise, contact HP support personnel to troubleshoot the unreported CPU module.

Windows Event Id: 8941 (Hex)0xC00222ED (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cell has been disabled by PDHC FW because the CPU modules are not compatible.

Snmp Trap: hpevtCpuModCompatMismatch - 8941 in HPIFPTRAP.MIB

Symptom: At least one of the installed CPU modules are incompatible with at least one other CPU module.

User Action: Contact HP support personnel to troubleshoot the CPU modules on the Cell.

Symptom: The FRUID data stored in a CPU Module's Scratch/FRUID EEPROM is incorrectly programmed.

User Action: Reprogram the FRUID data (manufacturing only) or contact HP support personnel to troubleshoot the CPU module on the Cell.

Symptom: At least one of the installed CPU modules are incompatible with at least one other CPU module.

User Action: Contact HP support personnel to troubleshoot one or more CPU modules on the Cell.

Symptom: The FRUID data stored in a CPU Module's Scratch/FRUID EEPROM is incorrectly programmed.

User Action: Reprogram the FRUID data (manufacturing only) or contact HP support personnel to troubleshoot the CPU module on the Cell.

Windows Event Id: 8942 (Hex)0xC00222EE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cell has been disabled because of invalid data in a CPU module Scratch EEPROM.

Snmp Trap: hpevtBadCpuModScratchCksum - 8942 in HPIFPTRAP.MIB

Symptom: The CPU module is not an HP CPU module, or the FRUID data for this CPU module has not been programmed.

User Action: Contact HP support personnel to troubleshoot the CPU module.

Windows Event Id: 8954 (Hex)0x800222FA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The Cell Battery voltage level low warning

Snmp Trap: hpevtPdhBatteryLowWarning - 8954 in HPIFPTRAP.MIB

Symptom: The Cell Battery is low.

User Action: It needed to be replaced.

Windows Event Id: 8959 (Hex)0xC00222FF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error while copying the XBC routing to the local port

Snmp Trap: hpevtFabricRouteXbcCopyRoutingErr - 8959 in HPIFPTRAP.MIB

Symptom: Error accessing XBC CSRs.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8960 (Hex)0xC0022300 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A read after write of a XBC CSR failed

Snmp Trap: hpevtFabricCopyRdBackFailed - 8960 in HPIFPTRAP.MIB

Symptom: Fabric Access Error, XBC Key Disabled. Check XBC, links, backplane, Contact HP Support Personnel for further troubleshooting.

Windows Event Id: 8962 (Hex)0x80022302 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Couldn't release the Semaphore while writing routing states.

Snmp Trap: hpevtFabricRtgCompleteSm4RlsErr - 8962 in HPIFPTRAP.MIB

Symptom: Fabric Access Error. Check XBC, Check links.

Windows Event Id: 8963 (Hex)0x40022303 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Couldn't get the Semaphore while writing routing states.

Snmp Trap: None

Symptom: Another cell owns this XBC Semaphore or contention for the XBC Key occurred.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8964 (Hex)0xC0022304 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Couldn't write the XBC's forward progress register

Snmp Trap: hpevtFabricRtgCompleteWrFwdPrgErr - 8964 in HPIFPTRAP.MIB

Symptom: Fabric Access Error. Couldn't write this XBC.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8965 (Hex)0xC0022305 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Couldn't access the XBC semaphore registers.

Snmp Trap: hpevtFabricRtgCompleteSm4AccessErr - 8965 in HPIFPTRAP.MIB

Symptom: Fabric Access Error. Couldn't read or write this XBC.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8966 (Hex)0xC0022306 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Couldn't determine the complex fabric topology

Snmp Trap: hpevtFabricRtgCompleteTopologyErr - 8966 in HPIFPTRAP.MIB

Symptom: Fabric Access Error. Couldn't write this XBC.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 8968 (Hex)0x80022308 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error checking a cell to cell link during traversability tests

Snmp Trap: hpevtFabricRouteTraversableCc2CcErr - 8968 in HPIFPTRAP.MIB

Symptom: Probably an error reading the XIN. Look for additional descriptive chassis codes.

User Action: Contact HP Support personnel to check the CC

Windows Event Id: 8969 (Hex)0x80022309 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error occurred while traversing the cell to cell link.

Snmp Trap: hpevtFabricDataRouteTraversableCc2CcErr - 8969 in HPIFPTRAP.MIB

Symptom: Probably an error reading the XIN. Look for additional descriptive chassis codes.

User Action: Contact HP Support personnel to check the CC

Windows Event Id: 8970 (Hex)0x8002230A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error reading the local cell's XIN link state.

Snmp Trap: hpevtFabricCc2ccTraverseLclXinRdErr - 8970 in HPIFPTRAP.MIB

Symptom: Hardware Access Error. Have your HP support representative check the Coherency Controller (CC).

Windows Event Id: 8971 (Hex)0x8002230B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error reading the remote cell's XIN link state register

Snmp Trap: hpevtFabricCc2ccTraverseRmtXinRdErr - 8971 in HPIFPTRAP.MIB

Symptom: Hardware Access Error. Have your HP support representative check the backplane and Coherency Controller (CC).

Windows Event Id: 8972 (Hex)0x8002230C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The XIN link is not connected to the target cell.

Snmp Trap: hpevtFabricCc2ccTraverseLclNotInit - 8972 in HPIFPTRAP.MIB

Symptom: Ensure the cells are connected. Check historical chassis codes from most recent boot to see if the link had ever initialized. Have your HP support representative check the backplane and Coherency Controller (CC).

Windows Event Id: 8973 (Hex)0x8002230D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The XIN link is not connected to the target cell.

Snmp Trap: hpevtFabricCc2ccTraverseRmtNotInit - 8973 in HPIFPTRAP.MIB

Symptom: Ensure the cells are connected. Check historical chassis codes from most recent boot to see if the link had ever initialized. Have your HP support representative check the backplane and Coherency Controller (CC).

Windows Event Id: 8974 (Hex)0x8002230E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error reading the XIN_LINK_STATE register while disabling the link

Snmp Trap: hpevtFabricDisableXinLinkReadErr - 8974 in HPIFPTRAP.MIB

Symptom: Hardware Access Error.

User Action: Contact HP Support personnel to analyze the fabric, CC, Backplane.

Windows Event Id: 8975 (Hex)0xC002230F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error reading the XIN_LINK_STATE register

Snmp Trap: hpevtFabricXinInitRetryReadErr - 8975 in HPIFPTRAP.MIB

Symptom: link init problem

User Action: Contact HP Support personnel to check the XBC, CC, backplane

Windows Event Id: 8976 (Hex)0x80022310 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unexpected fabric firmware error

Snmp Trap: hpevtFabricAssertFabricCc - 8976 in HPIFPTRAP.MIB

Symptom: An unanticipated error occurred. Contact HP Support personnel to analyze the IPMI FPL log.

Windows Event Id: 8979 (Hex)0x80022313 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The CPU is performance or functionally restricted

Snmp Trap: hpevtCpuRestricted - 8979 in HPIFPTRAP.MIB

Symptom: A CPU is broken. Replace it.

Windows Event Id: 8980 (Hex)0x40022314 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This respresents the MSR register number and data during MCA.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 8981 (Hex)0x80022315 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The RTC was found to be invalid and has been cleared

Snmp Trap: hpevtPdhInvalidRtcCleared - 8981 in HPIFPTRAP.MIB

Symptom: The RTC was invalid

User Action: None, the problem has been corrected by SFW.

Windows Event Id: 8982 (Hex)0x80022316 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Status indicates that the Late Self Tests did not actually run

Snmp Trap: hpevtLstNotRun - 8982 in HPIFPTRAP.MIB

Symptom: This could be caused by an incompatibity problem between PAL and the CPUs. Check that PAL supports all the CPUs installed on the system.

Windows Event Id: 8983 (Hex)0xC0022317 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A fabric walk failed while updating the cell state

Snmp Trap: hpevtBootSetCellStateFabricFailure - 8983 in HPIFPTRAP.MIB

Symptom: Look for adjacent chassis codes to determine the cause of FabricWalk failure.
Check the backplane and fabric connectivity. Contact the HP Support Personnel for further
troubleshooting.

Windows Event Id: 8984 (Hex)0xC0022318 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Could not reset the cell due to failure updating cell state

Snmp Trap: hpevtBootResetCellStateFailure - 8984 in HPIFPTRAP.MIB

Symptom: Most likely a failure on the fabric or on the CC. Fabric failures should produce
additional chassis codes. If no additional chassis codes inidicate the cause of the failure,then
contact theHP Support Personnel for further troubleshooting.

Windows Event Id: 9000 (Hex)0x80022328 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: DRAM failure on DIMM XX, deallocte rank

Snmp Trap: hpevtMemChipspareDeallocRank - 9000 in HPIFPTRAP.MIB

Symptom: SFW detected a failing DIMM

User Action: Replace the DIMM flagged by SFW

Windows Event Id: 9002 (Hex)0x4002232A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: OS_INIT returned to firmware/SAL

Snmp Trap: None

Symptom: TOC/INIT occurred. No action required.

Windows Event Id: 9019 (Hex)0xC002233B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: System Clocks are not valid

Snmp Trap: hpevtClockFreqError - 9019 in HPIFPTRAP.MIB

Symptom: The Cell board has a problem. Either the Real Time Clock is not working properly or the system is not being clocked at the value it thinks it is.

Windows Event Id: 9020 (Hex)0xC002233C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cell Online Addition failed due to fabric access error

Snmp Trap: hpevtFabricColaInitTraversableErr - 9020 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure,

User Action: Check CC to CC link. Look for additional failure chassis codes to provide more detail.

Windows Event Id: 9021 (Hex)0xC002233D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Fabric found a bad XBC port on a reboot. Attempting to route around it.

Snmp Trap: hpevtFabricAttemptFocusedReroute - 9021 in HPIFPTRAP.MIB

Symptom: link errors.

User Action: Run DC Connectivity test. Check flex cables, XBCs, and CCs.

Windows Event Id: 9022 (Hex)0x8002233E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Could not access an internal firmware table while rerouting XBC port.

Snmp Trap: hpevtFabricCellRerouteNinfoErr - 9022 in HPIFPTRAP.MIB

Symptom: Firmware Error.

User Action: Capture chassis codes and contact HP Support.

Windows Event Id: 9038 (Hex)0x8002234E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell/Partition to be reset because PDC couldn't read PDH memory

Snmp Trap: hpevtBootWakeCpuIsCpuDeconfigErr - 9038 in HPIFPTRAP.MIB

Symptom: Cell hardware problem like PDH memory itself, the coherency controller, the executing CPU or interaction between any of these cell components.

User Action: Contact HP Support to troubleshoot the cell and either fix it or replace it.

Symptom: PDC bug in which PDC thinks it was unable to safely access PDH memory when maybe it really could have.

User Action: Contact HP Support to see if a new PDC image is available.

Windows Event Id: 9039 (Hex)0x8002234F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell/Partition to be reset because PDC couldn't read PDH memory

Snmp Trap: hpevtBootWakeCpuGetCountersErr - 9039 in HPIFPTRAP.MIB

Symptom: Cell hardware problem like PDH memory itself, the Concorde chip, the executing Mako or interaction between any of these cell components.

User Action: Troubleshoot the cell and either fix it or replace it. Symptom: PDC bug in which PDC has passed an invalid argument from one PDC function to another.

User Action: Upgrade PDC if this is found to be the problem and a new PDC image is available.

Windows Event Id: 9040 (Hex)0x80022350 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell/Partition to be reset because PDC couldn't read PDH memory

Snmp Trap: hpevtBootWakeCpuGetStructAddrErr - 9040 in HPIFPTRAP.MIB

Symptom: Cell hardware problem like PDH memory itself, the Concorde chip, the executing Mako or interaction between any of these cell components.

User Action: Troubleshoot the cell and either fix it or replace it. Symptom: PDC bug in which PDC thinks it was unable to safely access PDH memory when maybe it really could have.

User Action: Upgrade PDC if this is found to be the problem and a new PDC image is available.

Windows Event Id: 9041 (Hex)0x80022351 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell/Partition to be reset because PDC couldn't read PDH memory

Snmp Trap: hpevtBootCheckCpu4CompletionErr - 9041 in HPIFPTRAP.MIB

Symptom: Cell hardware problem like PDH memory itself, the Concorde chip, the executing Mako or interaction between any of these cell components.

User Action: Troubleshoot the cell and either fix it or replace it. Symptom: PDC bug in which PDC thinks it was unable to safely access PDH memory when maybe it really could have.

User Action: Upgrade PDC if this is found to be the problem and a new PDC image is available.

Windows Event Id: 9042 (Hex)0x80022352 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell/Partition to be reset because PDC couldn't read PDH memory

Snmp Trap: hpevtBootCheckCpuGetStructAddrErr - 9042 in HPIFPTRAP.MIB

Symptom: Cell hardware problem like PDH memory itself, the Concorde chip, the executing Mako or interaction between any of these cell components.

User Action: Troubleshoot the cell and either fix it or replace it.

Symptom: PDC bug in which PDC thinks it was unable to safely access PDH memory when maybe it really could have.

User Action: Upgrade PDC if this is found to be the problem and a new PDC image is available.

Windows Event Id: 9043 (Hex)0x80022353 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A reset for reconfiguration will be performed soon on the cell.

Snmp Trap: hpevtReconfigResetScheduled - 9043 in HPIFPTRAP.MIB

Symptom: An error during cell initialization occurred and the cell will not be able to join the partition. Look for other errors in the event log that articulate the exact problem.

Windows Event Id: 9045 (Hex)0x80022355 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The Partition Profile specifies the wrong architecture type

Snmp Trap: hpevtProfileWrongArchType - 9045 in HPIFPTRAP.MIB

Symptom: This is caused by the wrong type of complex profile being loaded. System firmware will default a new partition profile and continue on.

Windows Event Id: 9046 (Hex)0x80022356 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell/Partition is about to be reset because PDC is unable to access CPU data

Snmp Trap: hpevtBootCheckCpuIsDeconfigErr - 9046 in HPIFPTRAP.MIB

Symptom: Cell hardware problem, like a problem with PDH registers or PDH memory, or a problem with the concorde or Mako chips.

User Action: Troubleshoot the cell and either fix cell or replace the cell board. Symptom: PDC problem such that PDC is passing bad data from one function to another.

User Action: Upgrade PDC.

Windows Event Id: 9047 (Hex)0x80022357 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell/Partition is about to be reset because PDC is unable to access CPU data

Snmp Trap: hpevtBootCheckCpuGetCountersErr - 9047 in HPIFPTRAP.MIB

Symptom: Cell hardware problem, like a problem with PDH registers or PDH memory, or a problem with the concorde or Mako chips.

User Action: Troubleshoot the cell and either fix cell or replace the cell board.

Symptom: PDC problem such that PDC is passing bad data from one function to another.

User Action: Upgrade PDC.

Windows Event Id: 9049 (Hex)0x80022359 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell/Partition about to be reset because PDC is unable to access CPU data

Snmp Trap: hpevtBootPdMonarchRtnFromSwSetFpErr - 9049 in HPIFPTRAP.MIB

Symptom: Cell hardware problem, like a problem with PDH registers or PDH memory, or a problem with the concorde or Mako chips.

User Action: Troubleshoot the cell and either fix cell or replace the cell board. Symptom: PDC problem such that PDC is passing bad data from one function to another.

User Action: Upgrade PDC.

Windows Event Id: 9051 (Hex)0x8002235B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell/Partition is about to be reset because PDC is unable to access CPU data

Snmp Trap: hpevtBootSlaveRtnFromFwSetFpErr - 9051 in HPIFPTRAP.MIB

Symptom: Cell hardware problem, like a problem with PDH registers or PDH memory, or a problem with the concorde or Mako chips.

User Action: Troubleshoot the cell and either fix cell or replace the cell board. Symptom: PDC problem such that PDC is passing bad data from one function to another.

User Action: Upgrade PDC.

Windows Event Id: 9052 (Hex)0x8002235C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PDC is unable to branch to other software via the Page Zero location

Snmp Trap: hpevtBootProblemBranchingToPgzLocation - 9052 in HPIFPTRAP.MIB

Symptom: The MEM_RENDEZ fields of Page Zero were programmed incorrectly.

User Action: Upgrade or patch the OS. Symptom: Cell Hardware or memory problem that PDC didn't catch.

User Action: Troubleshoot the cell to find out if page zero contents are screwed up or if hardware is just failed to do the OS write or failed to do the PDC read. Verify that memory is properly written and holds contents at the page zero locations. Perhaps replace the cell board or replace the memory. Symptom: PDC is not doing the appropriate verification of the page zero contents and is treating it like its invalid even though maybe its not.

User Action: Upgrade PDC.

Windows Event Id: 9053 (Hex)0x4002235D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: A processor was not completely awakened so it's being sent back to sleep

Snmp Trap: None

Symptom: No action necessary.

Windows Event Id: 9054 (Hex)0x4002235E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PDC has found that something is setting unexpected bits in the EIR

Snmp Trap: None

Symptom: Errant software, maybe STING, maybe OS, maybe POPPA, maybe Diags, maybe PDC, etc.

User Action: Report this problem to all of the software groups (for any software that has privileged access such that it could write to the EIR), have the problem root caused, and upgrade/patch the appropriate software. NOTE: When this problem has been seen in the past, the cause has been that the faulty software was putting the processor in NARROW MODE when the processors should be in WIDE MODE.

Windows Event Id: 9055 (Hex)0x4002235F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: ACPI 1.0B hardware is not available

Snmp Trap: None

Symptom:

The cell board hardware does not have support for ACPI 1.0B GPE blocks, so PCI OL* will not work on an OS that uses ACPI 1.0B.

User Action: Upgrade to latest cell hardware to enable PCI OL* for ACPI 1.0B OSs.

Windows Event Id: 9084 (Hex)0xC002237C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: New for MtWhatever: BOOT_BAD_CPU_ORDER

Snmp Trap: hpevtBootBadCpuOrder - 9084 in HPIFPTRAP.MIB

Symptom: Check CPU load ordering

Windows Event Id: 9232 (Hex)0x80022410 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The read of the Memory extender FRU failed.

Snmp Trap: None

Symptom: The FRU EEPROM for the memory extender is corrupted or the EEPROM was not able to be accessed.

User Action: Contact HP Support to troubleshoot the problem.

Windows Event Id: 9363 (Hex)0x40022493 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: A problem was encountered by PDC having to do with this CPU

Snmp Trap: None

Symptom: Refer to preceding or subsequent IPMI events for cause/action.

Windows Event Id: 9364 (Hex)0x80022494 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PDC couldn't access a data structure in PDH memory

Snmp Trap: hpevtBootSlpWakeCntrsStructAddrErr - 9364 in HPIFPTRAP.MIB

Symptom: Cell hardware problem with the PDH memory, the Concorde chip, or the Mako processor itself.

User Action: Troubleshoot/Replace the cell. Symptom: PDC bug in which PDC is trying to access PDH memory of a cell not in its partition.

User Action: Upgrade PDC if there is a version of PDC that fixes such a problem.

Windows Event Id: 9365 (Hex)0x80022495 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PDC couldn't access a data structure in PDH memory

Snmp Trap: hpevtBootGetSleepTimeoutStructAddrErr - 9365 in HPIFPTRAP.MIB

Symptom: Hardware problem with the PDH riser card.

User Action: Contact HP Support to confirm the PDH riser card is functioning properly.

Symptom: Hardware problem with the CPU or cell board.

User Action: Contact HP Support to confirm the CPUs and cell board are functioning properly.

Windows Event Id: 9367 (Hex)0x80022497 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell about to be halted because PDC couldn't determine relocated address of code

Snmp Trap: hpevtBootMoveSlavesDispatcherAddrErr - 9367 in HPIFPTRAP.MIB

Symptom: Hardware connecting cells in the partition experienced a problem such that cells in the partition together can no longer communicate.

User Action: Troubleshoot the fabric and reseat/replace the cells or cables or backplane if necessary.

Symptom: Cell was unable to access its own PDH memory.

User Action: Troubleshoot the cell board and replace it if necessary.

Symptom: PDC bug such that PDC didn't log the relocation address.

User Action: Check for PDC upgrade

Windows Event Id: 9368 (Hex)0x80022498 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Halting cell because a CPU didn't complete the task for which it was awakened

Snmp Trap: hpevtBootMoveSlavesCheckSlaveErr - 9368 in HPIFPTRAP.MIB

Symptom: Hardware problem with the CPU, CC, or PDH flash.

User Action: Troubleshoot the cell and/or replace it.

Windows Event Id: 9370 (Hex)0x8002249A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell about to be halted because PDC couldn't determine relocated address of code

Snmp Trap: hpevtBootMoveSlavesFpSetAddrErr - 9370 in HPIFPTRAP.MIB

Symptom: Hardware connecting cells in the partition experienced a problem such that cells in the partition together can no longer communicate.

User Action: Troubleshoot the fabric and reseat/replace the cells or cables or backplane if necessary.

Symptom: Cell was unable to access its own PDH memory.

User Action: Troubleshoot the cell board and replace it if necessary.

Symptom: PDC bug such that PDC didn't log the relocation address.

User Action: Check for PDC upgrade

Windows Event Id: 9371 (Hex)0x8002249B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Cell about to be halted because CPU couldn't change its CPU FP (PST) state

Snmp Trap: hpevtBootMoveSlavesFpSetErr - 9371 in HPIFPTRAP.MIB

Symptom: Hardware problem with the cell (like PDH memory) or the CC or CPU.

User Action: Contact HP support to troubleshoot or replace the cell board.

Symptom: PDC bug.

User Action: Contact HP Support to check for PDC upgrade.

Windows Event Id: 9372 (Hex)0xC002249C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Partition about to be reset because PDC couldn't get address to a structure

Snmp Trap: hpevtBootMoveCellMonarchsStructAddrErr - 9372 in HPIFPTRAP.MIB

Symptom: Hardware connecting cells in the partition experienced a problem such that cells in the partition together can no longer communicate.

User Action: Troubleshoot the fabric and replace backplane or cells. Symptom: Cell was unable to access its own PDH memory.

User Action: Troubleshoot the cell board and replace it if necessary. Symptom: PDC bug such that PDC passed invalid arguments to try to get the address to the data structure.

User Action: Upgrade PDC if there is a fix for this problem.

Windows Event Id: 9373 (Hex)0xC002249D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Resetting a partition because a CPU didn't complete the task it was awakened for

Snmp Trap: hpevtBootMoveCellMonarchsCheckSlaveErr - 9373 in HPIFPTRAP.MIB

Symptom: Hardware problem with the Mako chip, Concorde chip, or PDH flash.

User Action: Troubleshoot the cell and/or replace it.

Windows Event Id: 9375 (Hex)0xC002249F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Resetting partition because PDC couldn't determine relocated address of code

Snmp Trap: hpevtBootMoveCellMonarchsFpSetAddrErr - 9375 in HPIFPTRAP.MIB

Symptom: Hardware connecting cells in the partition experienced a problem such that cells in the partition together can no longer communicate.

User Action: Troubleshoot the fabric and replace backplane or cells. Symptom: Cell was unable to access its own PDH memory.

User Action: Troubleshoot the cell board and replace it if necessary. Symptom: PDC bug such that PDC didn't log the relocation address.

User Action: Upgrade PDC if there is a fix for this problem.

Windows Event Id: 9376 (Hex)0xC00224A0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Resetting partition because a CPU was unable to change its CPU FP state

Snmp Trap: hpevtBootMoveCellMonarchsFpSetErr - 9376 in HPIFPTRAP.MIB

Symptom: Hardware problem with PDH memory, Concorde chip, or the Mako chip.

User Action: Troubleshoot the cell and/or replace it. Symptom: PDC bug in which passed invalid arguments.

User Action: Upgrade PDC if there is a fix.

Windows Event Id: 9379 (Hex)0x800224A3 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU Dual Core Initialization Failed

Snmp Trap: hpevtBootDualCoreInitFail - 9379 in HPIFPTRAP.MIB

Symptom: Attempt Reboot, Replace Processor

Windows Event Id: 9380 (Hex)0x800224A4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Second CPU in Pair has been disabled

Snmp Trap: hpevtBootDeconfigCpuModulePair - 9380 in HPIFPTRAP.MIB

Symptom: The second CPU in the Dual Core has been deconfigured as a result of the first core being deconfigured. Investigate the cause of the first core being deconfigured

Windows Event Id: 9382 (Hex)0x800224A6 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Virtualzing Dual Core Registers Failed

Snmp Trap: hpevtBootVirtualizeDualCoreRegistersFail - 9382 in HPIFPTRAP.MIB

Symptom: Reboot, if problem continues, replace CPU Module.

Windows Event Id: 9383 (Hex)0x800224A7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Virtualizing Dual Core Interposer has failed

Snmp Trap: hpevtBootVirtualizeDualCoreInterposerFail - 9383 in HPIFPTRAP.MIB

Symptom: Virtualizing the Dual Core Interposer has failed. Reboot, if problem continues, Replace CPU module.

Windows Event Id: 9385 (Hex)0x800224A9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Install PMI Handler Failed

Snmp Trap: hpevtBootInstallPmiHandlerFailed - 9385 in HPIFPTRAP.MIB

Symptom: Reboot, if problem continues replace CPU Module

Windows Event Id: 9386 (Hex)0x400224AA (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CPU fan is reporting OK status

Snmp Trap: None

Symptom: N/A

Windows Event Id: 9388 (Hex)0xC00224AC (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Cell failed compatability checks.

Snmp Trap: hpevtPdhcCellIncompatable - 9388 in HPIFPTRAP.MIB

Symptom: Cause - cpus are incompatable with each other, or the cell front side bus frequency is incompatable with the cpus.

Action - Correct the problem.

Windows Event Id: 9389 (Hex)0xC00224AD (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDH space not available after release from reset.

Snmp Trap: hpevtPdhcPdhNotAvailable - 9389 in HPIFPTRAP.MIB

Symptom: Cause - Hardware failure.

Action - Fix the hardware, cell or pdh riser.

Windows Event Id: 9390 (Hex)0xC00224AE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: MPON failed to release.

Snmp Trap: hpevtPdhcMponFailed - 9390 in HPIFPTRAP.MIB

Symptom: Cause - Hardware failure.

Action - Fix the hardware, cell or pdh riser.

Windows Event Id: 9391 (Hex)0xC00224AF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Dillon failed to reset.

Snmp Trap: hpevtPdhcDillonResetFailed - 9391 in HPIFPTRAP.MIB

Symptom: Cause - Hardware failure.

Action - Fix the hardware, pdh riser or cell.

Windows Event Id: 9392 (Hex)0xC00224B0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: DMD clock is not running.

Snmp Trap: hpevtPdhcDmdClockFailed - 9392 in HPIFPTRAP.MIB

Symptom: Cause - Hardware problem

Action - Fix the hardware, pdh riser or cell board.

Windows Event Id: 9393 (Hex)0x400224B1 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: CPU thermalert disabled.

Snmp Trap: None

Symptom: N/A

Windows Event Id: 9394 (Hex)0xC00224B2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: All cpus on the Cell are scheduled to be deconfigured

Snmp Trap: hpevtAllCpusDeconfOnCell - 9394 in HPIFPTRAP.MIB

Symptom: All cpus on the cell have been scheduled for deconfiguration. On the next reset, the cell will no longer be operational; system firmware will deconfigure all the cpus and this cell will not be part of a partition. This action is not recommended. To recover, the NVRAM on the PDH card must be cleared, the cell power cycled, and defaults restored from disk.

Windows Event Id: 9403 (Hex)0xC00224BB (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A read error occurred while dumping the routing registers

Snmp Trap: hpevtFabricLogRoutingRdErr - 9403 in HPIFPTRAP.MIB

Symptom: Fabric Read Error.

User Action: Check XBC, CC, links, etc.

Windows Event Id: 9404 (Hex)0x400224BC (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: There was an error gathering error logs for IO

Snmp Trap: None

Symptom: This does not typically require user interaction. It is useful information if an MCA is generated at a later time.

Windows Event Id: 9412 (Hex)0xC00224C4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to disable the CC to CC link

Snmp Trap: hpevtFabricLinkRendezDisableErr - 9412 in HPIFPTRAP.MIB

Symptom: Failure to read or write Concorde CSRs.

User Action: Contact HP Support personnel to check the Check CC.

Windows Event Id: 9413 (Hex)0x400224C5 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Power is now available on AC input A0.

Snmp Trap: None

Symptom: A power source has been connected to the chassis.

Windows Event Id: 9414 (Hex)0x400224C6 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Power is now available on AC input A1.

Snmp Trap: None

Symptom: A power source has been connected to the chassis.

Windows Event Id: 9415 (Hex)0x400224C7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Power is now available on AC input B0.

Snmp Trap: None

Symptom: A power source has been connected to the chassis.

Windows Event Id: 9416 (Hex)0x400224C8 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Power is now available on AC input B1.

Snmp Trap: None

Symptom: A power source has been connected to the chassis.

Windows Event Id: 9417 (Hex)0x800224C9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Power has been removed from AC input A0.

Snmp Trap: hpevtAcDeletedA0 - 9417 in HPIFPTRAP.MIB

Symptom: A power source has been removed from the chassis.

Windows Event Id: 9418 (Hex)0x800224CA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Power has been removed from AC input A1.

Snmp Trap: hpevtAcDeletedA1 - 9418 in HPIFPTRAP.MIB

Symptom: A power source has been removed from the chassis.

Windows Event Id: 9419 (Hex)0x800224CB (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Power has been removed from AC input B0.

Snmp Trap: hpevtAcDeletedB0 - 9419 in HPIFPTRAP.MIB

Symptom: A power source has been removed from the chassis.

Windows Event Id: 9420 (Hex)0x800224CC (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Power has been removed from AC input B1.

Snmp Trap: hpevtAcDeletedB1 - 9420 in HPIFPTRAP.MIB

Symptom: A power source has been removed from the chassis.

Windows Event Id: 9421 (Hex)0x400224CD (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: A brownout of the AC line has been detected on input A0.

Snmp Trap: None

Symptom: An input power disturbance of unknown cause has occured.

Windows Event Id: 9422 (Hex)0x400224CE (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: A brownout of the AC line has been detected on input A1.

Snmp Trap: None

Symptom: An input power disturbance of unknown cause has occured.

Windows Event Id: 9423 (Hex)0x400224CF (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: A brownout of the AC line has been detected on input B0.

Snmp Trap: None

Symptom: An input power disturbance of unknown cause has occured.

Windows Event Id: 9424 (Hex)0x400224D0 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: A brownout of the AC line has been detected on input B1.

Snmp Trap: None

Symptom: An input power disturbance of unknown cause has occured.

Windows Event Id: 9428 (Hex)0x800224D4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to disable the XIN link during a failed link init

Snmp Trap: hpevtFabricCc2CcLinkDisableErr - 9428 in HPIFPTRAP.MIB

Symptom: Have your HP Support Representative check the Coherency Controller

Windows Event Id: 9430 (Hex)0xC00224D6 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error copying the routing registers to the local port

Snmp Trap: hpevtFabricISREarlyCopyRoutingErr - 9430 in HPIFPTRAP.MIB

Symptom: XBC access failure.

User Action: Check XBC, check links, check backplane, check CC.

Windows Event Id: 9431 (Hex)0x800224D7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error while reading the remote CC's XIN Error Mask register

Snmp Trap: hpevtFabricClrLinkInitBitErrMaskRd - 9431 in HPIFPTRAP.MIB

Symptom: CC access failure.

User Action: Contact HP Support personnel to check the CC.

Windows Event Id: 9432 (Hex)0x800224D8 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error clearing the init packet received bit in the XIN error mask

Snmp Trap: hpevtFabricClrLinkInitBitErrMaskWr - 9432 in HPIFPTRAP.MIB

Symptom: CC access failure.

User Action: PDC Reviewed alert level for SR - 9/6/03 CC.

Windows Event Id: 9433 (Hex)0x800224D9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to read the XBC's Port Status register

Snmp Trap: hpevtFabricPortPairRdPstatusErr - 9433 in HPIFPTRAP.MIB

Symptom: fabric access failure

User Action: Check XBC, Check CC, Check backplane

Windows Event Id: 9438 (Hex)0x800224DE (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: PDHC has detected the PDH battery low warning.

Snmp Trap: hpevtPdhBatteryPowerLow - 9438 in HPIFPTRAP.MIB

Symptom: PDH battery power is low.

User Action: Replaced the PDH battery.

Windows Event Id: 9440 (Hex)0xC00224E0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: FW will not handoff to the OS_MCA handler for this MCA event

Snmp Trap: hpevtNoHandoffToOsMca - 9440 in HPIFPTRAP.MIB

Symptom: The error logs should be retrieved from the EFI shell prompt.

Windows Event Id: 9441 (Hex)0xC00224E1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Resetting the partition because couldn't access PDH memory

Snmp Trap: hpevtBootRtnFromSwCantGetCounters - 9441 in HPIFPTRAP.MIB

Symptom: CPU is on unreachable cell- Defective CPU

User Action: Contact HP Support personnel to troubleshoot cell board - Investigate for fabric problem

Windows Event Id: 9442 (Hex)0xC00224E2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Resetting the partition because a processor was not in expected state

Snmp Trap: hpevtBootRtnFromSwCpuNotAsleep - 9442 in HPIFPTRAP.MIB

Symptom: Software has not correctly returned all CPUs to sleep state

User Action: Reset would clear this issue

Symptom: CPU did not properly receive/execute sleep command

User Action: Contact HP Support to troubleshoot cell board

Windows Event Id: 9443 (Hex)0x400224E3 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Resetting the partition because slave processor not in expected state

Snmp Trap: None

Symptom: NA

Windows Event Id: 9444 (Hex)0x400224E4 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Resetting partition because a processor was not in the expected state

Snmp Trap: None

Symptom: NA

Windows Event Id: 9445 (Hex)0x800224E5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Halting the cell because a cell couldn't access its own PDH memory

Snmp Trap: hpevtBootDeconfigAbsentCantSetCpuState - 9445 in HPIFPTRAP.MIB

Symptom: Hardware problem with the PDH riser card.

User Action: Contact HP Support to confirm the PDH riser card is functioning properly.

Symptom: Hardware problem with the CPU or cell board.

User Action: Contact HP Support to confirm the CPUs and cell board are functioning properly.

Windows Event Id: 9448 (Hex)0xC00224E8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The NVRAM block table maintained by System Firmware is corrupt

Snmp Trap: hpevtNvramBlockTableCorrupt - 9448 in HPIFPTRAP.MIB

Symptom: The NVRAM-based descriptor for System Firmware NVRAM blocks is corrupt.

Windows Event Id: 9450 (Hex)0x800224EA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Resetting cell because processor couldn't access it's own PDH memory

Snmp Trap: hpevtBootMoveSlavesSetTimeoutErr - 9450 in HPIFPTRAP.MIB

Symptom: Hardware problem with the cell (like PDH memory) or the CC or CPU.

User Action: Contact HP support to troubleshoot or replace the cell board.

Symptom: PDC bug.

User Action: Contact HP Support to check for PDC upgrade.

Windows Event Id: 9454 (Hex)0x800224EE (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Halting cell because bad parameter passing was discovered

Snmp Trap: None

Symptom: PDC passed bad parameter

User Action: Contact HP Support

Windows Event Id: 9455 (Hex)0x800224EF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Halting cell because PDC was unable to determine GNI address of a function

Snmp Trap: None

Symptom: If data field of chassis code = -102 or -103, cell failed in getting the address

User Action: Check fabric connections - Contact HP support to troubleshoot cell board(s)

Symptom: if data field contains -104, PDC successfully read the address, but that address was invalid, likely was not initialized

User Action: Contact HP support

Windows Event Id: 9456 (Hex)0x800224F0 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Could not access a data structure on a cell in the partition.

Snmp Trap: None

Symptom: Hardware problem with the cell board, CPU, or PDH riser card.

User Action: Contact HP Support to confirm the cell board, CPUs, and PDH riser card are functioning properly.

Windows Event Id: 9457 (Hex)0xC00224F1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error occurred accessing a PDC data structure

Snmp Trap: None

Symptom: Hardware problem with the PDH riser card.

User Action: Contact HP Support to confirm the PDH riser card is functioning properly.

Symptom: Hardware problem with the CPU or cell board.

User Action: Contact HP Support to confirm the CPUs and cell board are functioning properly.

Windows Event Id: 9458 (Hex)0x400224F2 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Sherpa Diagnostic data

Snmp Trap: None

Symptom: No action required. Engineering debug tool only.

Windows Event Id: 9460 (Hex)0x800224F4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: All CPUs were deconfigured and have now been reconfigured.

Snmp Trap: hpevtBootReconfigAllCpus - 9460 in HPIFPTRAP.MIB

Symptom: User test operational error.

User Action: Reboot system and update CPU configuration as desired.

Windows Event Id: 9461 (Hex)0x800224F5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A failure has occurred trying to get the number of CPU cores per module.

Snmp Trap: hpevtBootGetNumcoresFailure - 9461 in HPIFPTRAP.MIB

Symptom: Hardware failure with CPU, CC or cell board.

A1: C ontact HP Support to confirm the CPUs, CC, and cell board are functioning properly.

  Update PDC if a version is available to fix this problem.

Windows Event Id: 9465 (Hex)0x800224F9 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Couldn't read the topology from the XBC register

Snmp Trap: hpevtFabricRmtRoutePortTopoErr - 9465 in HPIFPTRAP.MIB

Symptom: Fabric Access Error

User Action: Contact HP Support personnel to check the XBC, Backplane, CC

Windows Event Id: 9466 (Hex)0xC00224FA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Attempt to update Cell Static Routing has failed

Snmp Trap: hpevtFabricCellRerouteFailure - 9466 in HPIFPTRAP.MIB

Symptom: Fabric Access Error

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 9468 (Hex)0x800224FC (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to read the XBC CSR that containes the number of failed links

Snmp Trap: hpevtFabricRdFailedLinksError - 9468 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 9469 (Hex)0x800224FD (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to read the XBC CSR that containes the number of failed links

Snmp Trap: hpevtFabricWrFailedLinksRdError - 9469 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check XBC, Backplane, CC, look for additional chassis codes to describe the problem.

Windows Event Id: 9470 (Hex)0x800224FE (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to write the XBC CSR that containes the number of failed links

Snmp Trap: hpevtFabricWrFailedLinksWrError - 9470 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check XBC, Backplane, CC, look for additional chassis codes to describe the problem.

Windows Event Id: 9471 (Hex)0xC00224FF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to read the XBC CSR that contains the number of failed links

Snmp Trap: hpevtFabricIncFailedLinksRdError - 9471 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check the XBC, Backplane, CC, look for additional chassis codes to describe the problem.

Windows Event Id: 9472 (Hex)0xC0022500 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to write the XBC CSR that contains the number of failed links

Snmp Trap: hpevtFabricIncFailedLinksWrError - 9472 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check the XBC, Backplane, CC, look for additional chassis codes to describe the problem.

Windows Event Id: 9473 (Hex)0xC0022501 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: This cell encountered too many broken crossbar links

Snmp Trap: hpevtFabricIncFailedLinksHitLimit - 9473 in HPIFPTRAP.MIB

Symptom: Broken fabric links,

User Action: Check XBC, Backplane, Flex Cables, look for additional chassis codes to describe the problem.

Windows Event Id: 9474 (Hex)0xC0022502 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to read the XBC CSR that containes the number of failed links

Snmp Trap: hpevtFabricRtgCompleteRdFldLinksErr - 9474 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check the XBC, Backplane, CC, look for additional chassis codes to describe the problem.

Windows Event Id: 9475 (Hex)0xC0022503 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to write the XBC CSR that containes the number of failed links

Snmp Trap: hpevtFabricRtgCompleteWrFldLinksErr - 9475 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check the XBC, Backplane, CC, look for additional chassis codes to describe the problem.

Windows Event Id: 9476 (Hex)0xC0022504 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to read the XBC CSR that marks the port route arounds

Snmp Trap: hpevtFabricCellRerouteRdXbcErr - 9476 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check the XBC, Backplane, CC, look for additional chassis codes to describe the problem.

Windows Event Id: 9477 (Hex)0xC0022505 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Could not traverse the PIOB route to the remote XBC

Snmp Trap: hpevtFabricCellRerouteNbrNotReachable - 9477 in HPIFPTRAP.MIB

Symptom: Broken Crossbar Link

User Action: Contact HP Support personnel to check the XBC, Backplane, Flex Cables. Look for additional chassis codes to provide more detail.

Windows Event Id: 9479 (Hex)0x80022507 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to release the XBC semaphore after landmining a remote XBC port

Snmp Trap: hpevtFabricCellRerouteSm4RlsErr - 9479 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check the XBC, Backplane, CC, look for additional chassis codes to describe the problem.

Windows Event Id: 9480 (Hex)0x80022508 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to do a broadcast write to the XBC Remote Routing registers

Snmp Trap: hpevtFabricRmtRoutePortBcastWrErr - 9480 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check the XBC, Backplane, CC. Look for additional chassis codes to describe the problem.

Windows Event Id: 9481 (Hex)0x80022509 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to read a XBC Remote Routing register

Snmp Trap: hpevtFabricRmtRoutePortRdErr - 9481 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure

User Action: Contact HP Support personnel to check the XBC, Backplane, CC. Look for additional chassis codes to describe the problem.

Windows Event Id: 9482 (Hex)0x8002250A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to write a XBC Remote Routing register.

Snmp Trap: hpevtFabricRmtRoutePortWrErr - 9482 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure,

User Action: Check XBC, Backplane, CC. Look for additional chassis codes to describe the problem.

Windows Event Id: 9483 (Hex)0x4002250B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Altimeter fault detected.

Snmp Trap: None

Symptom: Unable to read altimeter on PCI backplane.

Replace PCI backplane at next service interval.

Windows Event Id: 9484 (Hex)0xC002250C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The link between the CC and SBA failed

Snmp Trap: hpevtIoLinkSubsystemFailed - 9484 in HPIFPTRAP.MIB

Symptom: See other associated events for the root cause of the failure.

Windows Event Id: 9485 (Hex)0xC002250D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The SBA failed and the cell has no I/O

Snmp Trap: hpevtIoSbaSubsystemFailed - 9485 in HPIFPTRAP.MIB

Symptom: See other associated events that describe the root cause.

Windows Event Id: 9486 (Hex)0xC002250E (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The system firmware had an error with the structured error handling mechanism.

Snmp Trap: hpevtIoErrengineError - 9486 in HPIFPTRAP.MIB

Symptom: Either there is an error in the system frmware or the sysrem firmware has exhausted all resources.

User Action: Invalidate NVM or check for newer version of system firmware.

Windows Event Id: 9487 (Hex)0xC002250F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Not enough malloc resources for I/O structure error handlig.

Snmp Trap: hpevtIoDiscEeMallocErr - 9487 in HPIFPTRAP.MIB

Symptom: Either invalidate NVM or check for a new version of system firmware.

Windows Event Id: 9488 (Hex)0xC0022510 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unable to create entry for I/O structure error handling.

Snmp Trap: hpevtIoDiscEeCreatetreeErr - 9488 in HPIFPTRAP.MIB

Symptom: This is a system firmware error, either invalidate NVM or check for a newer version of system firmware.

Windows Event Id: 9489 (Hex)0xC0022511 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Unable to bind services for I/O structure exception handling.

Snmp Trap: hpevtIoDiscEeAttachserviceErr - 9489 in HPIFPTRAP.MIB

Symptom: This is a system firmware error. Either reset NVM or check for a newer version of system firmware.

Windows Event Id: 9490 (Hex)0xC0022512 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error initializing the I/O structure exception handling services.

Snmp Trap: hpevtIoDiscEeInitErr - 9490 in HPIFPTRAP.MIB

Symptom: This is a system firmware error. Either reset NVM or check for a newer version of system formware.

Windows Event Id: 9491 (Hex)0xC0022513 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error initializing structured I/O exception data structures.

Snmp Trap: hpevtIoDiscEeInitializationErr - 9491 in HPIFPTRAP.MIB

Symptom: This is a system formware error, there is a conflict with system resources. Either reset NVM or check for a newer version of system firmware.

Windows Event Id: 9492 (Hex)0xC0022514 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The I/O exception context has an error.

Snmp Trap: hpevtIoDiscEeContextErr - 9492 in HPIFPTRAP.MIB

Symptom: This is a system firmware error. Reset the system, invalidate NVM and reset the system, or check for a newer version of the system firmware.

Windows Event Id: 9493 (Hex)0xC0022515 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error creating the internal data and services for the SBA.

Snmp Trap: hpevtIoDiscCreateSbaNodeErr - 9493 in HPIFPTRAP.MIB

Symptom: This is a system firmware error. Reset the system; invalidate NVM and reset the system; or check for a newer version of system firmware.

Windows Event Id: 9494 (Hex)0xC0022516 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error attaching the serices to the SBA internal data structures.

Snmp Trap: hpevtIoDiscSbaAttachserviceErr - 9494 in HPIFPTRAP.MIB

Symptom: This is a system firmware error. Reset the partition; invalidate NVM on the reporting cell and reset the system; or check for a newer version of system firmware.

Windows Event Id: 9495 (Hex)0xC0022517 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error initializing the intrenal SBA data and services.

Snmp Trap: hpevtIoDiscSbaInitnodeErr - 9495 in HPIFPTRAP.MIB

Symptom: This is a system formware error. Reset the partition; invalidate NVM on the reporting cell and reset the partition; or check for newer system firmware.

Windows Event Id: 9496 (Hex)0xC0022518 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The SBA type is unknown to the system firmware

Snmp Trap: hpevtIoDiscSbaUnknownErr - 9496 in HPIFPTRAP.MIB

Symptom: This is either a system firmware error, or the wrong I/O is connected to the system. Validate the system recipe both firmware and hardware.

Windows Event Id: 9497 (Hex)0x80022519 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An embedded I/O device is missing.

Snmp Trap: hpevtIoDeviceMissing - 9497 in HPIFPTRAP.MIB

Symptom: Relaces the I/O card specified by the physical location.

Windows Event Id: 9498 (Hex)0x8002251A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Fabric link route around failed because the route around port was bad

Snmp Trap: hpevtFabricRmtRoutePortBadReroute - 9498 in HPIFPTRAP.MIB

Symptom: 2 or more XBC links are not routable.

User Action: Contact HP Support personnel to check the XBC, Flex Cables, Backplane, CCs, etc

Windows Event Id: 9502 (Hex)0x4002251E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates logging of a remote cell's concorde information.

Snmp Trap: None

Symptom: Get MCA error information.

Windows Event Id: 9504 (Hex)0x80022520 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Temperature overheat condition warning

Snmp Trap: None

Symptom: SCSI Disk Drivers or Disk Array Drivers indicate an Overheat Condition.

User Action: Shutdown servers and storage box. Check room temperature of room and air flow to storage box.

Windows Event Id: 9505 (Hex)0x40022521 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Temperature overheat condition repaired

Snmp Trap: None

Symptom: A previous Overheat Condition has been repaired.

User Action: Informational Only. No action required.

Windows Event Id: 9506 (Hex)0xC0022522 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Windows IML: Critical fan failure

Snmp Trap: None

Symptom: SCSI Disk Drivers or Disk Array Drivers indicate a critical Fan Failure. This alert occurs when redundant fans have failed and the critical Fan Failure is imminent.

User Action: Replace Fan Modules as soon as possible following the Fan Module Remove and Replace Procedures.

Windows Event Id: 9507 (Hex)0x80022523 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Fan failure warning condition

Snmp Trap: None

Symptom: SCSI Disk Drivers or Disk Array Drivers indicate that a redundant fan has failed or is operating in a degraded condition.

User Action: Replace Fan Module as soon as possible following the Fan Module Remove and Replace Procedures.

Windows Event Id: 9508 (Hex)0x40022524 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Fan failure repaired

Snmp Trap: None

Symptom: A previous Fan Failure Condition has been repaired.

User Action: Informational Only. No action required.

Windows Event Id: 9509 (Hex)0x80022525 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Door open event warning

Snmp Trap: None

Symptom: SCSI Disk Drivers or Disk Array Drivers detects an open door panel.

User Action: Close any open panels.

Windows Event Id: 9510 (Hex)0x40022526 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Door open repaired

Snmp Trap: None

Symptom: A previous Door open Condition has been repaired.

User Action: Informational Only. No action required.

Windows Event Id: 9513 (Hex)0x80022529 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Fans no longer redundant warning.

Snmp Trap: None

Symptom: SCSI Disk Drivers or Disk Array Drivers has issued a Fans No Longer Redundant alert. This event should be logged after a fan failure that causes a fan set to be no longer redundant.

User Action: Replace Fan Module as soon as possible following the Fan Module Remove and Replace Procedure.

Windows Event Id: 9514 (Hex)0x4002252A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Fans no longer redundant repaired

Snmp Trap: None

Symptom: A previous Fans No Longer Redundant alert has been repaired.

User Action: Informational Only. No action required.

Windows Event Id: 9564 (Hex)0x8002255C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Power Supply Failure

Snmp Trap: None

Symptom: SCSI Disk Drivers or Disk Array Drivers has issued a Power Supply Failure alert.

User Action: Replace with a proper power supply.

Windows Event Id: 9565 (Hex)0x4002255D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Power Supply Failure repaired

Snmp Trap: None

Symptom: A previous Power Supply Failure alert has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9572 (Hex)0x80022564 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Power subsystem no longer redundant

Snmp Trap: None

Symptom: Disk drivers logged a Power SubSystem No Longer Redundant alert. A loss of redundancy due to the power supply failure.

User Action: Replace with a proper power supply.

Windows Event Id: 9573 (Hex)0x40022565 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Power subsystem no longer redundant repaired

Snmp Trap: None

Symptom: A previously logged Power SubSystem No Longer Redundant alert has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9597 (Hex)0x8002257D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Network adapter check

Snmp Trap: None

Symptom: Network Drivers log this event when adapter checks are detected. This event will never be repaired due to the possibility of a large number of adapter checks being generated by a bad adapter or bad driver.

User Action: No user action is required, informational only.

Windows Event Id: 9598 (Hex)0x8002257E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Network adapter link fault

Snmp Trap: None

Symptom: Network Drivers or Agents log this event when a critical link problem is detected.

User Action: Check your cable connections and make sure the network cables are plugged in.

Windows Event Id: 9599 (Hex)0x4002257F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Network adapter link fault repaired

Snmp Trap: None

Symptom: Apreviously logged Network adapter link problem has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9600 (Hex)0x80022580 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Network adapter transmit timeout

Snmp Trap: None

Symptom: Network Drivers log this event when a transmit timeout is detected. This event will never be repaired due to the possibility of a large number of transmit timeout that may occur with a bad adapter

User Action: Check your network connections. If the problem remains, please contact your support provider for further assistance.

Windows Event Id: 9601 (Hex)0x80022581 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Network adapters no longer redundant

Snmp Trap: None

Symptom: Network Drivers can not communicate with one of the adapters in a redundant pair due to the slot being powered off. If the power is turned off on both adapters of a pair, this event is only logged once.

User Action: Check if the physical adapters are connected and their network connectios are working. If the problem remains, re-configure your team settings.

Windows Event Id: 9602 (Hex)0x40022582 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Network adapters no longer redundant repaired

Snmp Trap: None

Symptom: A previously logged Network Adapters no longer redundant event has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9603 (Hex)0x80022583 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Network adapter redundancy reduced

Snmp Trap: None

Symptom: Network Drivers or Agents can not communicate with one of the adapters in a team and at least one adapter in a team is still active.

User Action: Check if the physical adapters are connected and their network connections are working. If the problem remains, re-configure your team settings.

Windows Event Id: 9604 (Hex)0x40022584 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Network adapter redundancy reduced repaired

Snmp Trap: None

Symptom: A previously logged Network adapter redundancy reduced event has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9605 (Hex)0xC0022585 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Windows IML: SCSI Controller failure

Snmp Trap: None

Symptom: SCSI Disk Drivers detected a critical hardware failure.

Action: Possible controller failure. Replace SCSI controller.

Windows Event Id: 9606 (Hex)0x80022586 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: SCSI Controller failure warning

Snmp Trap: None

Symptom: SCSI Disk Drivers detected a hardware failure.

Acton: Possible controller failure. Replace SCSI controller.

Windows Event Id: 9607 (Hex)0x40022587 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: SCSI Controller failure repair

Snmp Trap: None

Symptom: A previous SCSI hardware failure has been repaired.

Acton: Informational only. No action required.

Windows Event Id: 9608 (Hex)0xC0022588 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Windows IML: SCSI Device failure

Snmp Trap: None

Symptom: SCSI Disk Drivers detected a critical disk failure. This event is never logged by the mini-port driver.

User Action:Replace failed drive.

Windows Event Id: 9609 (Hex)0x40022589 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: SCSI Device failure repaired

Snmp Trap: None

Symptom: A previous disk failure has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9610 (Hex)0x8002258A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: SCSI Controller failure in redundant configuration

Snmp Trap: None

Symptom: SCSI Disk Drivers detected a Controller failure event in a redundant configuration.
User Action:Identify and repair failed component.

Windows Event Id: 9611 (Hex)0x4002258B (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: SCSI Controller failure in redundant configuration repaired

Snmp Trap: None

Symptom: A previous Controller failure event in a redundant configuration has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9612 (Hex)0xC002258C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Windows IML: Disk Array Controller failure

Snmp Trap: None

Symptom: Drive Array Subsystem Drivers detected a critical controller failure event.

User Action: Possible controller failure. Replace SCSI controller.

Windows Event Id: 9613 (Hex)0x8002258D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Disk Array Controller failure warning

Snmp Trap: None

Symptom: Drive Array Subsystem Drivers detected a controller failure event.

User Action: Possible controller failure. Replace SCSI controller.

Windows Event Id: 9614 (Hex)0x4002258E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Disk Array Controller failure repaired

Snmp Trap: None

Symptom: A previous controller failure event has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9615 (Hex)0xC002258F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Windows IML: Disk Array Controller device failure

Snmp Trap: None

Symptom: Drive Array Subsystem Drivers detected a critical disk failure.

User Action: Replace failed drive.

Windows Event Id: 9616 (Hex)0x40022590 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Disk Array Controller device failure repaired

Snmp Trap: None

Symptom: A previously detected critical disk failure has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9617 (Hex)0x80022591 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Disk Array Controller battery failure

Snmp Trap: None

Symptom: Disk Array Drivers logged an Accelerator Battery Failure event.

User Action: Replace battery on cache module.

Windows Event Id: 9618 (Hex)0x40022592 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Disk Array Controller battery failure repaired

Snmp Trap: None

Symptom: A previously logged an Accelerator Battery Failure event has been repaired.

User Action: Informational only. No action required.

Windows Event Id: 9619 (Hex)0x80022593 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows IML: Disk Array Controller failure in redundant configuration

Snmp Trap: None

Symptom: Array Disk Drivers detected a Controller No Longer Redundant failure event in a redundant configuration.

User Action:Identify and repair failed component.

Windows Event Id: 9620 (Hex)0x40022594 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows IML: Disk Array Controller failure in redundant configuration repaired

Snmp Trap: None

Symptom: A previously logged Controllers No Longer Redundant failure was repaired.

User Action: Informational only. No action required.

Windows Event Id: 9650 (Hex)0x400225B2 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates that the OS_MCA handler checksum is valid and it passed.

Snmp Trap: None

Symptom: Informational.

Windows Event Id: 9651 (Hex)0x400225B3 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates that the OS_MCA handler checksum is not provided by the OS.

Snmp Trap: None

Symptom: Informational

Windows Event Id: 9652 (Hex)0x800225B4 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows: Predictive Failure in Memory

Snmp Trap: hpevtWinAgtPredictMemFail - 9652 in HPIFPTRAP.MIB

Symptom: You will receive this message if the system is correcting a lot of ECC single bit errors. It may mean that the module is about to fail, or environmental conditions in the server are causing more errors than usual.

User Action: If you receive this message, contact your support provider to determine if a predictive repair should be made.

Windows Event Id: 9653 (Hex)0x800225B5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows: Server Agents Management data not accessible, locked property

Snmp Trap: hpevtWinAgtLockedProperty - 9653 in HPIFPTRAP.MIB

Symptom: The installed management software has detected an unstable state of the underlying IPMI (Intelligent Platform Management Interface) subsystem and has disabled all management information from being shown by any manageability applications. The management information will become available automatically as soon as the IPMI subsystem has stabilized.

User Action: None.

Windows Event Id: 9655 (Hex)0x400225B7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates OS INIT CHECKSUM passed.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9656 (Hex)0x400225B8 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates OS INIT CHECKSUM was skipped according to the settings by the OS.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9658 (Hex)0xC00225BA (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PCI slot exceeds power limit

Snmp Trap: hpevtIoPciPowerOverloadErr - 9658 in HPIFPTRAP.MIB

Symptom: The I/O configuration's power consumption exceeds the supported limit.

User Action: Remove the I/O card from each slot indicated by an IO_PCI_POWER_OVERLOAD_ERR event.

Windows Event Id: 9659 (Hex)0x800225BB (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: (warning) Outputted in MFG, when Memory SBE Seeding is enabled

Snmp Trap: hpevtMemSbeSeedingEnabled - 9659 in HPIFPTRAP.MIB

Symptom: In MFG with Memory SBE Seeding control Flag (26) Enabled. Should never be seen at a customer's machine.

Windows Event Id: 9661 (Hex)0xC00225BD (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Failed to read the fabric topology information from the XBC

Snmp Trap: hpevtFabricWrFailedLinksTopoErr - 9661 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 9662 (Hex)0x400225BE (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: This indicates logging of hondo errors during MCA error handling.

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9663 (Hex)0xC00225BF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDC failed to initalize PA specific fields of group C after finding IA bit set.

Snmp Trap: hpevtBootErrInitGroupCPaFields - 9663 in HPIFPTRAP.MIB

Symptom: An error occurred which prevented the complex profiles from being distributed properly.

User Action: Create and distribute a new complex profile using ParMgr on a functional partition in the complex.

Restore the last complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.

Generate a genesis complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.

Symptom: A hardware problem exists with MP or PDHC hardware.

Windows Event Id: 9664 (Hex)0x400225C0 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PDC found Group C Complex Architecture field indicated non-PA system

Snmp Trap: None

Symptom: architecture field of Group C was not set to PA value

User Action: None, PDC will initialize PA specific fields of the profile and continue booting.

Windows Event Id: 9666 (Hex)0x800225C2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Unexpected fabric firmware error

Snmp Trap: hpevtFabricAssertFabricHop - 9666 in HPIFPTRAP.MIB

Symptom: An unanticipated error occurred. Contact HP Support personnel to analyze the IPMI FPL log.

Windows Event Id: 9668 (Hex)0xC00225C4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDC could not read the copy of profile C stored in ICM

Snmp Trap: hpevtBootFailedReadingProfileCInIcm - 9668 in HPIFPTRAP.MIB

Symptom: An error occurred which prevented the complex profiles from being distributed properly.

User Action: Create and distribute a new complex profile using ParMgr on a functional partition in the complex.

Restore the last complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.

Generate a genesis complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.

Symptom: A hardware problem exists with MP or PDHC hardware.

User Action: Contact HP Support to confirm the MP and PDHC are functioning properly.

Windows Event Id: 9670 (Hex)0xC00225C6 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Could not disable the XIN link before a fabricless boot

Snmp Trap: hpevtFabricHaltLinkDisableErr - 9670 in HPIFPTRAP.MIB

Symptom: Fabric Access Error.

User Action: Contact HP Support personnel to check the CC, Check XBC

Windows Event Id: 9671 (Hex)0x400225C7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Floating Point Assist Exception trap syndrome data (fp0-fp3)

Snmp Trap: None

Symptom: Refer to preceding and subsequent IPMI events and associated cause/actions.

Windows Event Id: 9674 (Hex)0x800225CA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Fail to GetSiblingCpuCoreNum() in BootGetSpiromData()

Snmp Trap: hpevtBootGetSpiromGetSiblingErr - 9674 in HPIFPTRAP.MIB

Symptom: Hardware problem with the CPU.

User Action: Contact HP Support to confirm the CPU is functioning properly.

Windows Event Id: 9675 (Hex)0x400225CB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The route is not traversable because fabric is disabled

Snmp Trap: None

Symptom: The cell has booted without fabric probably due to a fabric error.

User Action: No action required to continue operating without the fabric. In order to restore the fabric, the broken hardware initially reported as bad should be replaced.

Windows Event Id: 9676 (Hex)0x400225CC (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The route is not traversable because fabric is disabled

Snmp Trap: None

Symptom: The cell has booted without fabric probably due to a fabric error.

User Action: No action required to continue operating without the fabric. In order to restore the fabric, the broken hardware initially reported as bad should be replaced.

Windows Event Id: 9677 (Hex)0x400225CD (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The route is not traversable because fabric is disabled

Snmp Trap: None

Symptom: The cell has booted without fabric probably due to a fabric error.

User Action: No action required to continue operating without the fabric. In order to restore the fabric, the broken hardware initially reported as bad should be replaced.

Windows Event Id: 9678 (Hex)0xC00225CE (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The clock ratio reported by manageability does not match the actual clock ratio

Snmp Trap: hpevtCpuClockRatioMismatch - 9678 in HPIFPTRAP.MIB

Symptom: This is a harware error and it is fatal

Windows Event Id: 9681 (Hex)0xC00225D1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Manual override of fatal stop boot condition

Snmp Trap: hpevtBootStopBootOverride - 9681 in HPIFPTRAP.MIB

Symptom: The user has initiated manual O/S boot despite the existence of a fatal error.

User Action: Correct the fatal error condition (see output of "INFO WARNING" EFI shell command), reboot the system, and then initiate O/S boot.

Windows Event Id: 9682 (Hex)0x800225D2 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Firmware unable to relocate VGA BIOS

Snmp Trap: hpevtVgaBiosRelocFail - 9682 in HPIFPTRAP.MIB

Symptom: Most likely there is a permanent memory error in the VGA BIOS region (physical address 0xc0000 - 0xdffff).

User Action: Replace the DIMM causing the permanent memory error in the VGA BIOS region. The PDT reports which DIMM is causing errors in the physical address range 0xc0000 - 0xdffff.

Windows Event Id: 9683 (Hex)0x400225D3 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Error occurred in CellInfoUpdateCellState()

Snmp Trap: None

Symptom: Unspecified

Windows Event Id: 9685 (Hex)0xC00225D5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The Compatability Matrix stored in NVRAM has a checksum error

Snmp Trap: hpevtCompMatrixXsumError - 9685 in HPIFPTRAP.MIB

Symptom: NVRAM has become corrupt. Restore from a backup.

Windows Event Id: 9695 (Hex)0xC00225DF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDC failed its attempt to get default RDR values

Snmp Trap: hpevtBootGetDefaultRdrsFailed - 9695 in HPIFPTRAP.MIB

Symptom: Hardware problem with the CPU.

User Action: Contact HP Support to confirm the CPU is functioning properly.

Windows Event Id: 9696 (Hex)0xC00225E0 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDC could not read current RDR values of the executing CPU

Snmp Trap: hpevtBootGetCurrentRdrsFailed - 9696 in HPIFPTRAP.MIB

Symptom: Hardware problem with the CPU.

User Action: Contact HP Support to confirm the CPU is functioning properly.

Windows Event Id: 9697 (Hex)0xC00225E1 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDC failed reading a specific value from its own copy of the RDRs

Snmp Trap: hpevtBootReadPrefetchFailed - 9697 in HPIFPTRAP.MIB

Symptom: problem on cell wherein PDC could not properly access memory

User Action: Contact HP support to troubleshoot cell board

Symptom: a non-existent/non-accessible register was specified by software.

User Action: Contact HP support for possible PDC upgrade

Windows Event Id: 9698 (Hex)0xC00225E2 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDC failed reading a specific value from its own copy of the RDRs

Snmp Trap: hpevtBootReadZlcoFailed - 9698 in HPIFPTRAP.MIB

Symptom: problem on cell wherein PDC could not properly access memory

User Action: Contact HP support to troubleshoot cell board

Symptom: a non-existent/non-accessible register was specified by software.

User Action: Contact HP support for possible PDC upgrade

Windows Event Id: 9699 (Hex)0x400225E3 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PDC updated CPU registers to correspond to settings in Complex Profile C

Snmp Trap: None

Symptom: NA

Windows Event Id: 9700 (Hex)0xC00225E4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDC failed attempting to update ZLCO and PREFETCH RDR settings

Snmp Trap: hpevtBootUpdateZlcoAndPrefetchFailed - 9700 in HPIFPTRAP.MIB

Symptom: Could not update CPU settings

User Action: Contact HP support to troubleshoot cell board and CPU.

Windows Event Id: 9701 (Hex)0xC00225E5 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDC failed to read the HV Flag in the Partition Configuration Data

Snmp Trap: hpevtBootErrorReadingZlcoFlagInPdProfile - 9701 in HPIFPTRAP.MIB

Symptom: An error occurred which prevented the complex profiles from being distributed properly.

User Action: Create and distribute a new complex profile using ParMgr on a functional partition in the complex.

Restore the last complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.

Generate a genesis complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.

Symptom: A hardware problem exists with MP or PDHC hardware.

User Action: Contact HP Support to confirm the MP and PDHC are functioning properly.

Windows Event Id: 9703 (Hex)0x400225E7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cells in the partition have different complex profiles.

Snmp Trap: None

Symptom: An error occurred which prevented the complex profiles from being distributed properly.

User Action: Create and distribute a new complex profile using ParMgr on a functional partition in the complex.

Restore the last complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.

Generate a genesis complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.
Symptom: A hardware problem exists with MP or PDHC hardware.

User Action: Contact HP Support to confirm the MP and PDHC are functioning properly.

Windows Event Id: 9704 (Hex)0x400225E8 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Cell has different Partition Config Data CRC then core cell

Snmp Trap: None

Symptom: The core cell detected that a cell in its partition has a different complex profile than itodoes.

User Action: Look for a chassis code called,BOOT_CORE_CHECK_HCELL_PROFILE, to see which cell's complex profile was being checked. That cell is the cell that had the inconsistent complex profile.
Make sure the utilities system is functioning and reboot the partition.
If the reboot does not solve the problem, make sure PDH tests are enabled.
Replace the cell with the inconsistent complex profile.
Change core cells to see if the core cell is the cell that has the problem.

Windows Event Id: 9706 (Hex)0x800225EA (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to get the configured set from the Complex Profiles A and C

Snmp Trap: hpevtBootFindCoreCellCmplxProfileAcErr - 9706 in HPIFPTRAP.MIB

Symptom: An error occurred which prevented the complex profiles from being distributed properly.

User Action: Create and distribute a new complex profile using ParMgr on a functional partition in the complex.

Restore the last complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.

Generate a genesis complex profile using the "CC" command from the MP, then use ParMgr to create a new complex profile.

Symptom: A hardware problem exists with MP or PDHC hardware.

User Action: Contact HP Support to confirm the MP and PDHC are functioning properly.

Windows Event Id: 9707 (Hex)0x800225EB (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: No possible core cells were found in the configured set

Snmp Trap: hpevtBootFindCoreCellConfigSelectErr - 9707 in HPIFPTRAP.MIB

Symptom: most likely a configuration problem,

User Action: check to ensure a valid core cell is configured to be in the partition.

Windows Event Id: 9708 (Hex)0x800225EC (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Could not find a viable core cell in the partition

Snmp Trap: hpevtBootCellLclCantFindViable - 9708 in HPIFPTRAP.MIB

Symptom: Configuration error, fabric failure; the intended core cell failed during boot.

User Action: check partition configuration, check for failed cells.

Windows Event Id: 9709 (Hex)0x800225ED (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Could not find a viable core cell in the partition

Snmp Trap: hpevtBootCellRmtCantFindViable - 9709 in HPIFPTRAP.MIB

Symptom: Configuration error,

  Mainbackplane failure,

  The intended core cell failed during boot.

User Action: Check partition configuration,

   Check for failed cells, as indicated by high-alert level IPMI events earlier in the boot.

Windows Event Id: 9710 (Hex)0x800225EE (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The core cell selected is not in the rendezvoused partition

Snmp Trap: hpevtBootFindCoreCellNotInRendez - 9710 in HPIFPTRAP.MIB

Symptom: Configuration error, main backplane failure; the intended core cell failed during boot.

User Action: check partition configuration, check for failed cells, check for additional chassis codes indicating more failure detail.

Windows Event Id: 9711 (Hex)0x800225EF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The local cell is not viable

Snmp Trap: hpevtBootFindCoreCellLclNotViable - 9711 in HPIFPTRAP.MIB

Symptom: Configuration error, main backplane failure; no viable core cell.

User Action: check partition configuration, attach core I/O to local cell, make sure a viable core cell is configured within the partition.

Windows Event Id: 9712 (Hex)0x800225F0 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: cell cannot reach the fabric, partition contains 3 or more cells

Snmp Trap: hpevtBootFindCoreCellFabriclessPdErr - 9712 in HPIFPTRAP.MIB

Symptom: configuration combined with main backplane problems.

User Action: Contact HP Support to confirm the main backplane is functioning properly.

  Change the partition configuration to only contain 1 or 2 cells.

Windows Event Id: 9719 (Hex)0x800225F7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The RTC is providing inconsistent data.

Snmp Trap: hpevtRtcAccessError - 9719 in HPIFPTRAP.MIB

Symptom: there is a known issue with some Dallas Semiconductor DS1501 RTC parts that can cause read data anomolies but they should never be this consistent, this event indicates faulty PDH hardware.

User Action: replace the PDH hardware.

User Action: Contact HP Support personnel to replace the PDH hardware.

Windows Event Id: 9727 (Hex)0xC00225FF (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PDC failed to read the processor architecture for another cell in the partition

Snmp Trap: hpevtBootAccessCellArchErr - 9727 in HPIFPTRAP.MIB

Symptom: PDC was unable to read a data structure for another cell in the partition. This should never happen unless there is an intermittent problem with the main backplane.

User Action: Contact HP support to confirm that the main backplane is functioning properly.

Windows Event Id: 9740 (Hex)0xC002260C (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The buffer size is too small for the XBC error log

Snmp Trap: hpevtXbcLogSizeErr - 9740 in HPIFPTRAP.MIB

Symptom: Caller of SAL state info calls did not correctly set up the buffer for the error logs

Windows Event Id: 9741 (Hex)0xC002260D (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: System firmware was unable to clear an XBC error

Snmp Trap: hpevtXbcLogClearErr - 9741 in HPIFPTRAP.MIB

Symptom: The particular XBC and port could have a persitant error. Check flex cables

Windows Event Id: 9742 (Hex)0x8002260E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Firmware detected a possible Cabinet Power Tiemout

Snmp Trap: hpevtCabPowerTimeout - 9742 in HPIFPTRAP.MIB

Symptom: Cells exist in both cabinets, but one of the cabinets has no cells powered on. If a 2 cabinet configuration is desired, shutdown any active partitions and powere off both cabinets and then power them both on, including at least 1 cell in each cabinet. (Note: it is possible to get this event ID and have both cabinets powered on. In this event, no action is required.

Windows Event Id: 9744 (Hex)0xC0022610 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error encountered while collecting PCI error logs

Snmp Trap: hpevtIodiscPciLogError - 9744 in HPIFPTRAP.MIB

Symptom: An error occurred while collecting the PCI error logs.

Windows Event Id: 9745 (Hex)0xC0022611 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error encountered while collecting SBA error logs

Snmp Trap: hpevtIodiscSbaLogError - 9745 in HPIFPTRAP.MIB

Symptom: An error occurred while collecting the SBA error logs

Windows Event Id: 9746 (Hex)0xC0022612 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Fabric is unable to route the crossbar after multiple retry attempts

Snmp Trap: hpevtXbcInitMaxRetries - 9746 in HPIFPTRAP.MIB

Symptom: Hardware problem. Possible bad XBC or Concorde

Windows Event Id: 9749 (Hex)0x40022615 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Windows: Predictive Failure in Memory (Info)

Snmp Trap: None

Symptom: You will receive this message if the system is correcting a lot of ECC single bit errors. It may mean that the module is about to fail, or environmental conditions in the server are causing more errors than usual. This event message will be generated for one of the following conditions

500 single-bit errors on the same address in a 24 hour time period.

20 single-bit errors on the same DIMM (not the same address) in a 24 hour time period.

70 single-bit errors on the same DIMM (not the same address) in a 1 week time period.

User Action: If you receive this message, contact your support provider to determine if a predictive repair should be made.

Windows Event Id: 9750 (Hex)0x80022616 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Windows: Predictive Failure in Memory (Warning)

Snmp Trap: hpevtWinAgtPredictMemFailWarning - 9750 in HPIFPTRAP.MIB

Symptom: You will receive this message if the system is correcting a lot of ECC single bit errors. It may mean that the module is about to fail, or environmental conditions in the server are causing more errors than usual. This event message will be generated for one of the following conditions

1000 single-bit errors on the same address in a 48 hour time period.

50 single-bit errors on the same DIMM (not the same address) in a 24 hour time period.

100 single-bit errors on the same DIMM (not the same address) in a 1 week time period.

User Action: If you receive this message, contact your support provider to determine if a predictive repair should be made.

Windows Event Id: 9751 (Hex)0xC0022617 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Windows: Predictive Failure in Memory (Critical)

Snmp Trap: hpevtWinAgtPredictMemFailCritical - 9751 in HPIFPTRAP.MIB

Symptom: You will receive this message if the system is correcting a lot of ECC single bit errors. It may mean that the module is about to fail, or environmental conditions in the server are causing more errors than usual. This event message will be generated for one of the following conditions

1500 single-bit errors on the same address in a 72 hour time period.

120 single-bit errors on the same DIMM (not the same address) in a 24 hour time period.

130 single-bit errors on the same DIMM (not the same address) in a 1 week time period.

User Action: If you receive this message, contact your support provider to determine if a predictive repair should be made.

Windows Event Id: 9753 (Hex)0xC0022619 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A rope parity error occurred

Snmp Trap: hpevtPciFatalRopeParityErr - 9753 in HPIFPTRAP.MIB

Symptom: An unexpected but random error occurred. Reboot the system. There is a problem with the system bus. Contact your HP representative to check the system bus.

Windows Event Id: 9754 (Hex)0xC002261A (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PCI card inaccessable due to bus error

Snmp Trap: hpevtPciFatalBusError - 9754 in HPIFPTRAP.MIB

Symptom: An unexpected but random error occurred.

User Action: Reboot the system. Symptom: There is a problem with the system bus. Contact your HP representative to check for faulty devices on the bus..

Windows Event Id: 9755 (Hex)0xC002261B (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: PCI card inaccessable due to device error

Snmp Trap: hpevtPciFatalDeviceError - 9755 in HPIFPTRAP.MIB

Symptom: An unexpected but random error occurred. Reboot the system. There is a problem with the system bus. Contact your HP representative to check the system bus. Check the system forward progress log (available from the Management Processor) for additional information about this problem.

Windows Event Id: 9756 (Hex)0x4002261C (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (error status register)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9757 (Hex)0x4002261D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (function ID)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9758 (Hex)0x4002261E (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (HW Path binary)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9759 (Hex)0x4002261F (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (ASCII hardware path bytes 0-7)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9760 (Hex)0x40022620 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (ASCII hardware path bytes 8-15)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9761 (Hex)0x40022621 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (ASCII hardware path bytes 16-23)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9762 (Hex)0x40022622 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (ASCII hardware path bytes 24-31)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9763 (Hex)0x40022623 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (ASCII hardware path bytes 32-39)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9764 (Hex)0x40022624 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (ASCII hardware path bytes 40-47)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9765 (Hex)0x40022625 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (ASCII hardware path bytes 48-55)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9766 (Hex)0x40022626 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (ASCII hardware path bytes 56-63)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9767 (Hex)0x40022627 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: PCI card inaccessable (ASCII hardware path bytes 64-71)

Snmp Trap: None

Symptom: No action required.

Windows Event Id: 9768 (Hex)0xC0022628 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: error reading bmc first boot token

Snmp Trap: hpevtBootErrorReadingFirstBootToken - 9768 in HPIFPTRAP.MIB

Symptom: FW tried to read the first boot token and received a failure.

User Action: AC power cycle the system

User Action: Contact HP support

Windows Event Id: 9769 (Hex)0x80022629 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: a rendezvousing cell is non PA architecture and thus incompatible.

Snmp Trap: hpevtBootNonPaCellDetected - 9769 in HPIFPTRAP.MIB

Symptom: other cell is an IA cell

User Action: replace IA cell with PA cell or reconfigure partition to exclude the IA cell.

Windows Event Id: 9770 (Hex)0x4002262A (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Context data from the IO errors engine. Needs to be post processed.

Snmp Trap: None

Symptom: An IO Context has been dumped. This should follow a stream of IO_CONTEXT_DATA events.

User Action: See IO_CONTEXT_DATA for details.

Windows Event Id: 9773 (Hex)0x4002262D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Indicates the address that was used to clear the XBC error

Snmp Trap: None

Symptom: Probably caused by a failed XBC write to the address. Look for adjacent code to provide more detail.

Windows Event Id: 9774 (Hex)0x8002262E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: failed to write the XBC error log clear register

Snmp Trap: hpevtFabricErrorsXbcClearWrErr - 9774 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure. Could not write to the XBC. This could indicate a hardware problem. Include the FABRIC_ERRORS_XBC_CLEAR_WR_ADDR event log and its data in any reports.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 9775 (Hex)0x8002262F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error encounted while reading the XBC CSR Error Status Register

Snmp Trap: hpevtFabricErrorsXbcClearRdGlblErr - 9775 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure. Likely hardware problem. Look for additional chassis codes to further isolate the error.

Windows Event Id: 9776 (Hex)0x80022630 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The XBC CSR Low Severity error was not cleared

Snmp Trap: hpevtFabricErrorsXbcClrLoSevErr - 9776 in HPIFPTRAP.MIB

Symptom: This could be caused by a fabric access error or persistent CSR Low Severity errors. Check Crossbar hardware, flex cables, backplane

User Action: Contact HP Support personnel to check the Crossbar hardware, flex cables, backplane

Windows Event Id: 9777 (Hex)0x80022631 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The XBC CSR High Severity error was not cleared

Snmp Trap: hpevtFabricErrorsXbcClrHiSevErr - 9777 in HPIFPTRAP.MIB

Symptom: This could be caused by a fabric access error or persistent CSR Low Severity errors. Check Crossbar hardware, flex cables, backplane

Windows Event Id: 9778 (Hex)0x80022632 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Error encounted while reading the XBC Port Error Status Register

Snmp Trap: hpevtFabricErrorsXbcClearRdPortErr - 9778 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure. Likely hardware problem. Look for additional chassis codes to further isolate the error.

User Action: Contact HP Support personnel to analyze the fabric.

Windows Event Id: 9779 (Hex)0x40022633 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Fabric could not clear the logged XBC errors

Snmp Trap: None

Symptom: This could be caused by a fabric access error or persistent CSR Low Severity errors.

User Action: Contact HP Support personnel to check the Crossbar hardware, flex cables, backplane

Windows Event Id: 9780 (Hex)0x80022634 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to read the XBC CSR Error Status register

Snmp Trap: hpevtFabricErrsCsrLogClrRdSlicesErr - 9780 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure. Likely hardware problem. Look for additional chassis codes to further isolate the error.

Windows Event Id: 9781 (Hex)0x80022635 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to copy the XBC CSR Error Symbol01 Block

Snmp Trap: hpevtFabricErrsCsrLogClrCopyBlk0Err - 9781 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure; Possibly an invalid destination address. Check hardware, Contact HP Support

Windows Event Id: 9782 (Hex)0x80022636 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to copy the XBC CSR Error Symbol23 Block

Snmp Trap: hpevtFabricErrsCsrLogClrCopyBlk2Err - 9782 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure; Possibly an invalid destination address. Check hardware, Contact HP Support

Windows Event Id: 9783 (Hex)0x80022637 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to reset the XBC Low Severity Error Log State

Snmp Trap: hpevtFabricXbcLoStateResetErr - 9783 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure.

User Action: Contact HP Support personnel to check the XBC, Flex Cables, Backplane

Windows Event Id: 9784 (Hex)0x80022638 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to clear the XBC Low Severity Log Symbol 01

Snmp Trap: hpevtFabricClrXbcSym01Failure - 9784 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure.

User Action: Contact HP Support personnel to check the XBC, Backplane

Windows Event Id: 9785 (Hex)0x80022639 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Could not determine if there is a new XBC CSR Low Severity error

Snmp Trap: hpevtFabricClrXbcIsLoCsrErrErr - 9785 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure.

User Action: Contact HP Support personnel to check the XBC, Flex Cables, Backplane

Windows Event Id: 9786 (Hex)0x8002263A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to read the XBC CSR Low Severity Error Log State

Snmp Trap: hpevtFabricClrXbcRdLoLogStateErr - 9786 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure.

User Action: Contact HP Support personnel to check the XBC, Flex Cables, Backplane

Windows Event Id: 9787 (Hex)0x8002263B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to reset the XBC Low Severity Error Log State

Snmp Trap: hpevtFabricXbcHiStateResetErr - 9787 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure.

User Action: Contact HP Support personnel to check the XBC, Flex Cables, Backplane

Windows Event Id: 9788 (Hex)0x8002263C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Could not determine if there is a new XBC CSR High Severity error

Snmp Trap: hpevtFabricClrXbcIsHiCsrErrErr - 9788 in HPIFPTRAP.MIB

Symptom: Check XBC, Flex Cables, Backplane

User Action: Contact HP Support personnel to check the XBC, Flex Cables, Backplane

Windows Event Id: 9789 (Hex)0x8002263D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Failed to read the XBC CSR High Severity Error Log State

Snmp Trap: hpevtFabricClrXbcRdHiLogStateErr - 9789 in HPIFPTRAP.MIB

Symptom: Fabric Access Failure.

User Action: Contact HP Support personnel to check the XBC, Flex Cables, Backplane

Windows Event Id: 9801 (Hex)0xC0022649 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: An error occurred while enabling hashing in the platform cache

Snmp Trap: hpevtPlatformCacheHashingError - 9801 in HPIFPTRAP.MIB

Symptom: An error return status. This could happen if the tree was corrupted or there was an error verifying the hashing setting.

User Action: reset the partition

Windows Event Id: 9804 (Hex)0x4002264C (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Icm command IcmQueuePartitionReleaseBib() is called and returned FAILURE

Snmp Trap: None

Symptom: Response Status Byte from PDHC indicates the completion status of the command is FAILURE in PDHC.

User Action: None

Windows Event Id: 9805 (Hex)0x4002264D (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: IcmQueuePartitionReleaseBib() is called and return FAILURE

Snmp Trap: None

Symptom: CMD_VALID bit in Command Status Byte is clear when ICM command is called.

User Action: None

Windows Event Id: 9827 (Hex)0x80022663 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The XBC CSR is not a valid CSR address

Snmp Trap: hpevtFabricXbcWriteableInvalidCsr - 9827 in HPIFPTRAP.MIB

Symptom: Invalid CSR address, possible firmware defect.

User Action: Capture complete live logs and contact HP Support representative.

Windows Event Id: 9832 (Hex)0xC0022668 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: It indicates loss of cell connectivity in the partition.

Snmp Trap: hpevtMcCellsLostConnection - 9832 in HPIFPTRAP.MIB

Symptom: It will lead to cells performing RESET_FOR_RECONFIG after getting the error logs.

Windows Event Id: 9845 (Hex)0x80022675 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Chassis Code Fifo pointers are reinitialized due to their invalid values in ICM

Snmp Trap: None

Symptom: There is a problem with ICM in the system. The Chassis Code Log Fifo Pointers are invalid in ICM and are reinitilized.

User Action: None.

Windows Event Id: 9849 (Hex)0xC0022679 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Error building cell-level FW device tree

Snmp Trap: hpevtBuildErrCellDevTree - 9849 in HPIFPTRAP.MIB

Symptom: Data field displays the status of creating the cell level device tree for use by firmware. See previous errors already reported.

Windows Event Id: 9866 (Hex)0x8002268A (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: A failure has occurred with a CPU during early selftests

Snmp Trap: None

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9867 (Hex)0x8002268B (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured during FSB interface initialization

Snmp Trap: hpevtDcnfgFsbInit - 9867 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9868 (Hex)0x8002268C (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured due to error obtaining parameters from PAL

Snmp Trap: hpevtDcnfgCpuParams - 9868 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9869 (Hex)0x8002268D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured due to failure retrieving icache parameters from PAL

Snmp Trap: hpevtDcnfgCpuIcache - 9869 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: during system boot the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9870 (Hex)0x8002268E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured during initialization process

Snmp Trap: hpevtDcnfgCpuDcache - 9870 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: during system boot the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9871 (Hex)0x8002268F (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured during dcache init

Snmp Trap: hpevtDcnfgCpuCacheState - 9871 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9872 (Hex)0x80022690 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured due to internal error

Snmp Trap: hpevtDcnfgCpuCacheMonitor - 9872 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9873 (Hex)0x80022691 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured due to machine check

Snmp Trap: hpevtDcnfgCpuMca - 9873 in HPIFPTRAP.MIB

Symptom: Internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9874 (Hex)0x80022692 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured due to error while disabling machine check

Snmp Trap: hpevtDcnfgCpuDisableMca - 9874 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9875 (Hex)0x80022693 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured due to failure in late self tests

Snmp Trap: hpevtDcnfgCpuSelfTest - 9875 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9876 (Hex)0x80022694 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured while enabling L2 shared cache

Snmp Trap: hpevtDcnfgCpuL2Cache - 9876 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9877 (Hex)0x80022695 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured while retrieving default values from PAL

Snmp Trap: hpevtDcnfgCpuDefValue - 9877 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9878 (Hex)0x80022696 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured getting an address for a CPU internal register within a buffer from the CPU abstraction layer

Snmp Trap: hpevtDcnfgCpuInReg - 9878 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9879 (Hex)0x80022697 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU deconfigured while getting an address for a CPU internal register within a buffer from the CPU abstraction layer

Snmp Trap: hpevtDcnfgCpuProgReg - 9879 in HPIFPTRAP.MIB

Symptom: internal error.

User Action: the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9884 (Hex)0x8002269C (hpevtsvc.exe)
Log Severity: Warning(2)
Log Message: An error has occurred while attempting to get CPU ITLB parameters
Snmp Trap: None
Symptom: internal error.

User Action: during system boot the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9885 (Hex)0x8002269D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: An error occurred while getting CPU DTLB parameteSnmp Trap: None

Symptom: internal error.

User Action: during system boot the CPU will be deconfigured. If the error persists after a powercycle, contact HP Support.

Windows Event Id: 9895 (Hex)0x400226A7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The late selftests will be skipped due to a system error

Snmp Trap: None

Symptom: A system error or system firmware error has caused a system state that makes the late selftests to be unable to be run. If this is a critical problem that caused the late selftests to be skipped, there will be another event with more details.

Windows Event Id: 9896 (Hex)0xC00226A8 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Not enough error free memory to run late sefltests

Snmp Trap: hpevtNoMemSelfTest - 9896 in HPIFPTRAP.MIB

Symptom: Due to excessive memory subsystem or DIMM errors, the late selftests could not be run. DIMMs or memory extenders have caused excessive errors and will need to be replaced. Consult the memory test events regarding memory errors or view the Page Deallocation Table from BCH.

Windows Event Id: 9899 (Hex)0x400226AB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Memory NVM is invalid.

Snmp Trap: None

Symptom: Informational only.

Windows Event Id: 9905 (Hex)0x400226B1 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: The firmware memory test has detected multiple memory errors.

Snmp Trap: None

Symptom: Informational only.

Windows Event Id: 9919 (Hex)0x400226BF (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: An unknown memory extender has found installed in the system.

Snmp Trap: None

Symptom: The memory extender FRU EEPROM data was not recognized by system firmware. The FRU EEPROM data may be corrupted or invalid. The system will default to using the 32 DIMM extender setup.

Windows Event Id: 9920 (Hex)0x400226C0 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Firmware could not read the FRU EEPROM data from the memory extender.

Snmp Trap: None

Symptom: Firmware could not read the FRU EEPROM data for the memory extender. The EEPROM may be corrupted or not accessible.

Windows Event Id: 10061 (Hex)0x8002274D (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: Right ejector latch is open

Snmp Trap: hpevtDcnfgRightCellLatch - 10061 in HPIFPTRAP.MIB

Symptom: The right ejector latch is open.

User Action: Close the right ejector latch on the specified cell.

Windows Event Id: 10062 (Hex)0x8002274E (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The optical emitters on the cell latch sensors are not functioning

Snmp Trap: hpevtCellLatchSensorBad - 10062 in HPIFPTRAP.MIB

Symptom: There is a hardware failure.

User Action: The cell board must be repaired or replaced.

Windows Event Id: 10116 (Hex)0xC0022784 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The NVRAM service was unable to satisfy an NVRAM allocation request.

Snmp Trap: hpevtNvramAlloc - 10116 in HPIFPTRAP.MIB

Symptom: NVRAM is full. This is extremely unlikely.

User Action: Clear NVRAM and reset. Windows Event Id: 10132 (Hex)0xC0022794 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The RTC not updating its internal time registers

Snmp Trap: hpevtRtcTimeReg - 10132 in HPIFPTRAP.MIB

Symptom: Bad RTC chip on the PDH daughtercard.

User Action: Replace PDH daughtercard

Windows Event Id: 10151 (Hex)0x400227A7 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Both processors on MX2 module put into single issue mode

Snmp Trap: None

Symptom: Both processors on an MX2 module have been put into single issue mode

User Action: No action - for information only

Windows Event Id: 10153 (Hex)0x400227A9 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Additional information about HPE Mitigation2 event

Snmp Trap: None

Symptom: Both processors on the MX2 module have been put into single issue mode

User Action: No action - informational only

Windows Event Id: 10154 (Hex)0x400227AA (hpevtsvc.exe)

Log Severity: Informational(1)

f threshold

Snmp Trap: None

Symptom: One of the processors on the MX2 module has exceeded the maximum mitigation duty cycle threshold.

User Action: No action - informational only

Windows Event Id: 10155 (Hex)0x400227AB (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: Additional information about the MX2 over mitigation event

Snmp Trap: None

Symptom: One of the processors on the MX2 module has exceeded the maximum mitigation duty cycle threshold.

User Action: No action - informational only

Windows Event Id: 10175 (Hex)0x800227BF (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: The Creator Product Name is invalid

Snmp Trap: None

Symptom: The Creator Product Name partition variable is invalid. This is entered at the manageability processor, typically by the factory. System firmware was unable to extract the platform ID.

User Action: From the manageablity processor, enter a valid Creator Product Name.

Windows Event Id: 9665 (Hex)0x400225C1 (hpevtsvc.exe)

Log Severity: Informational(1)

Log Message: OS Agent or Application has cleared the System Event Log

Snmp Trap: None

Symptom: This is an informational event to alert the user that the SEL has been cleared by Software.

User Action: No action is required.

Windows Event Id: 5199 (Hex)0xC002144F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: Memory interleaving algorithm failed

Snmp Trap: hpevtMemInterleaveCodeFailure - 5199 in HPIFPTRAP.MIB

Symptom: Unspecified

Windows Event Id: 7892 (Hex)0xC0021ED4 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: CPU fan failed

Snmp Trap: hpevtCpuFanFail - 7892 in HPIFPTRAP.MIB

Symptom: The CPU fan identified by the attached physical location has failed.

User Action: Contact HP Support personnel to troubleshoot problem

Windows Event Id: 7893 (Hex)0x80021ED5 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CPU fan failing

Snmp Trap: hpevtCpuFanSlow - 7893 in HPIFPTRAP.MIB

Symptom: The CPU fan identified by the attached physical location is not operating at the expected speed.

User Action: Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 7894 (Hex)0xC0021ED6 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: CC chip fan failed

Snmp Trap: hpevtDnaFanFail - 7894 in HPIFPTRAP.MIB

Symptom: The CC chip fan identified by the attached physical location has failed.

User Action: Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 7895 (Hex)0x80021ED7 (hpevtsvc.exe)

Log Severity: Warning(2)

Log Message: CC chip fan failing.

Snmp Trap: hpevtDnaFanSlow - 7895 in HPIFPTRAP.MIB

Symptom: The CC chip fan identified by the attached physical location is not operating at the expected speed.

User Action: Contact HP Support personnel to troubleshoot problem.

Windows Event Id: 10351 (Hex)0xC002286F (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: The maximum memory supported by this system has been exceeded.

Snmp Trap: None

Symptom: Too much memory has been installed in the system.

User Action: Remove DIMMs to get the total memory size below the amount of memory returned in the data field.

Windows Event Id: 10361 (Hex)0xC0022879 (hpevtsvc.exe)

Log Severity: Error(3)

Log Message: A command to the memory buffer chip failed to complete.

Snmp Trap: None

Symptom: System firmware did not get a completion status from a command to a memory.

User Action: Contact HP support.